

2014 Transportation Technology Deployment Report:

Virginia Clean Cities

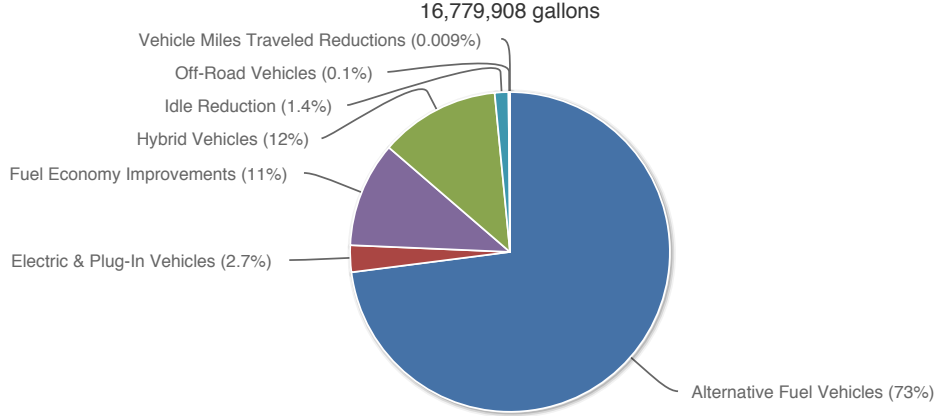
March 2015

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.

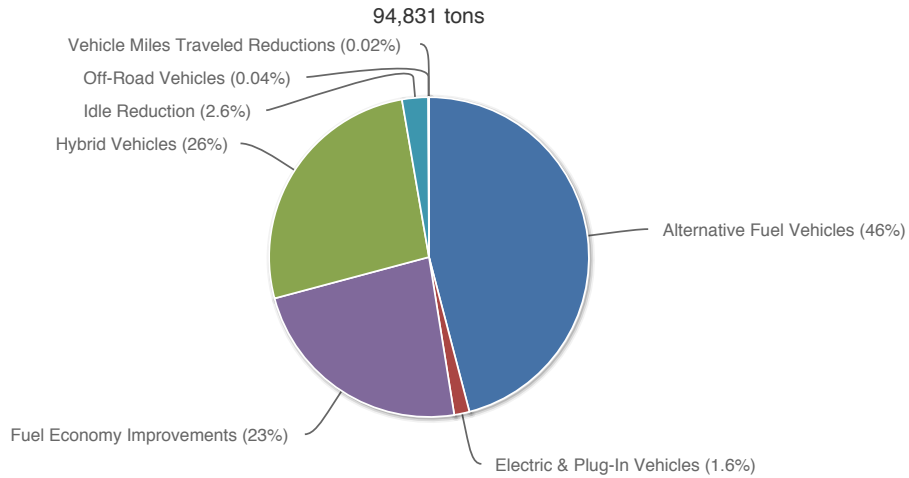
Every year, each Clean Cities coalition submits to DOE an annual report of its activities and accomplishments for the previous calendar year. Coalition coordinators, who lead the local coalitions, provide information and data via an online database managed by the National Renewable Energy Laboratory (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 www.eere.energy.gov/cleancities/accomplishments.html.

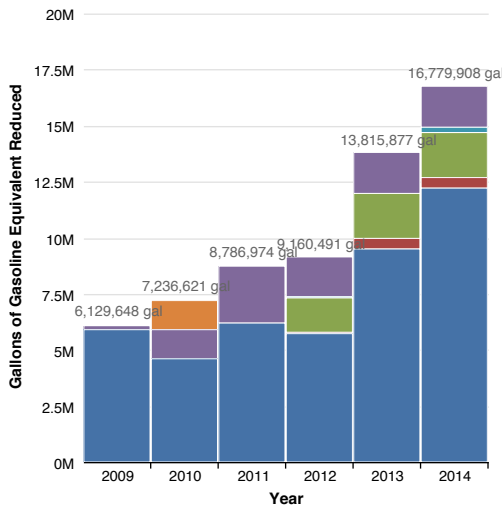
2014 Gallons of Gasoline Equivalent Reduced



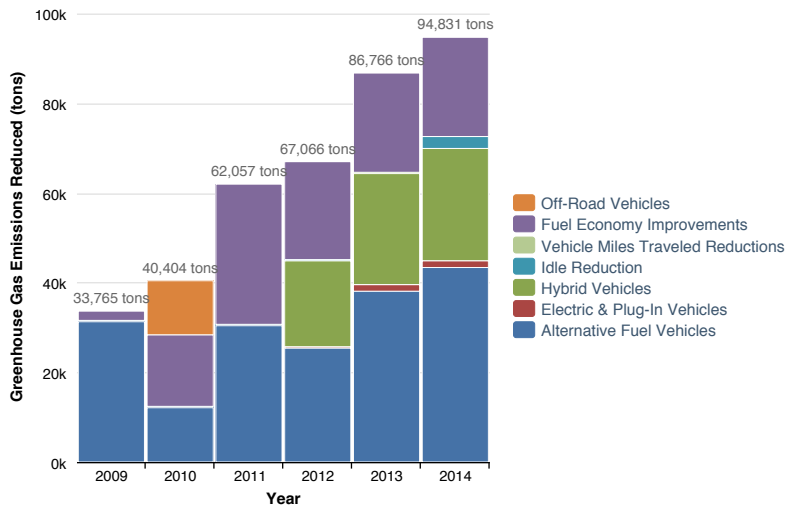
2014 Greenhouse Gas Emissions Reduced



Historical Gallons of Gasoline Equivalent Reduced

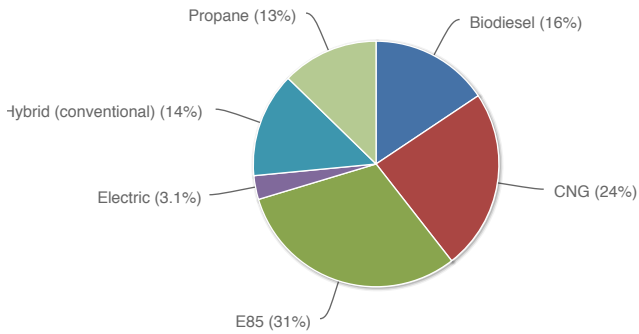


Historical Greenhouse Gas Emissions Reduced



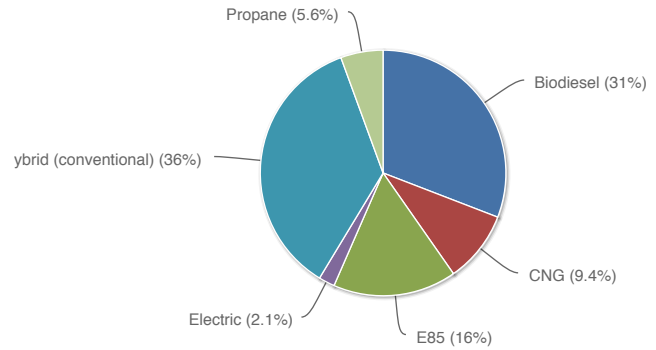
2014 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

14,757,812 gallons



2014 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects

70,152 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 22807	540-568-8896	
Michael Phillips	Virginia Department of Mines, Minerals and Energy 1100 Bank St Richmond, VA 23219	804-482-1790	

Number of coordinators	2
Coordinator(s) hours per week on Clean Cities	40 hours
Other staff hours per week on Clean Cities	30 hours
How long have you been the coordinator?	5 years

OPERATING INFORMATION

Host organization	University
Stakeholders	
Number of stakeholders	200
Number of private stakeholders	70
Does the State Energy Office provide any financial support to the coalition or stakeholders?	Yes
Explain State Energy Office's support	Partnership on grants and general coalition support. Virginia Clean Cities facilitates and assists with state events, meetings, programs, and executive initiatives.
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

2014 Outside Funding

Stakeholder dues collected	\$62,900
How much funding is obtained from other sources to cover coalition operating expenses?	\$22,075
Non-DOE or ARRA grant and matching funds spent in 2014	\$144,049
Total non-DOE or ARRA funding in 2014	\$229,024

VEHICLE & FUEL INVENTORY

Alternative Fuel & Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
AdMobile	Heavy-Duty	Biodiesel (20%)	5	75% of time	1,831 gal	16.8 tons
Miles traveled per vehicle: 13,239 mi Average vehicle fuel economy: 6 MPG Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Additional Biodiesel Production	Light-Duty	Biodiesel (100%)	1	1,000,000 gal	913,500 gal	8,851.1 tons
Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No <i>This represents the additional biodiesel produced in the Commonwealth and distributed to stations for public biodiesel fleets. This excludes the entire quantity of biodiesel used by fleets elsewhere in the report.</i>						
Additional Ethanol Production	Light-Duty	E85	1	5,000,000 gal	2,097,375 gal	5,242.6 tons
Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No <i>This represents the additional ethanol produced in the Commonwealth and distributed to stations for public ethanol fleets. This excludes the entire quantity of ethanol used by fleets elsewhere in the report.</i>						
Airport Shuttle	Heavy-Duty	Propane	20	85% of time	21,372 gal	44.6 tons
Miles traveled per vehicle: 22,724 mi Average vehicle fuel economy: 6 MPGde Market: Airport Vehicle type: Bus: Shuttle Percentage from coalition: 30% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Albemarle County	Heavy-Duty	Biodiesel (20%)	13	75% of time	8,564 gal	78.5 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						
Albemarle County	Light-Duty	E85	3	50% of time	905 gal	2.3 tons
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						
Alsop Trucking	Light-Duty	Biodiesel (20%)	15	25% of time	470 gal	4.6 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						
Appalachian Natural Gas Distribution	Heavy-Duty	CNG	2	85% of time	7,466 gal	14.0 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Appalachian Natural Gas Distribution	Light-Duty	CNG	9	85% of time	4,329 gal	8.1 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPGe Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Bioride	Light-Duty	Biodiesel (20%)	7	100% of time	1,507 gal	14.6 tons
Miles traveled per vehicle: 14,596 mi Average vehicle fuel economy: 15 MPG Market: General/Unknown Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Blacksburg	Heavy-Duty	Biodiesel (20%)	10	75% of time	939 gal	8.6 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 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
Blacksburg	Light-Duty	Biodiesel (20%)	25	75% of time	2,348 gal	22.8 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Blacksburg	Light-Duty	E85	15	25% of time	1,267 gal	3.2 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Blue Ridge Parkway	Light-Duty	E85	23	25% of time	2,616 gal	6.5 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						
Carol County	Heavy-Duty	Biodiesel (20%)	10	75% of time	6,587 gal	60.4 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						
Carroll County - GA	Light-Duty	Propane	34	85% of time	4,173 gal	8.7 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 20% National Clean Fleets Partnership: No						
Carrollton - GA	Light-Duty	Propane	11	85% of time	1,350 gal	2.8 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 20% National Clean Fleets Partnership: No						
Charlottesville	Heavy-Duty	Biodiesel (20%)	50	75% of time	32,937 gal	301.8 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	4,426 gal	8.3 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						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Charlottesville	Light-Duty	Biodiesel (20%)	15	75% of time	1,237 gal	12.0 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	5.1 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	2.1 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						
Chesapeake Waste Management	Heavy-Duty	CNG	33	100% of time	304,279 gal	572.4 tons
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 3 MPGde Market: General/Unknown Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No						
Chesterfield County	Heavy-Duty	Biodiesel (20%)	18	75% of time	11,857 gal	108.7 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						
Chesterfield County	Light-Duty	Biodiesel (20%)	23	75% of time	1,897 gal	18.4 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						
Chesterfield County Fleet Management	Light-Duty	E85	100	25% of time	11,374 gal	28.4 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						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Chesterfield County Fleet Management	Light-Duty	Propane	13	100% of time	7,077 gal	14.8 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	29	100% of time	127,356 gal	239.6 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 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	E85	236	50% of time	55,358 gal	138.4 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						
City of Chesapeake	Light-Duty	Propane	8	100% of time	4,312 gal	9.0 tons
Miles traveled per vehicle: 11,318 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 Lynchburg	Heavy-Duty	Biodiesel (20%)	16	75% of time	10,540 gal	96.6 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 Norfolk - Municipal	Light-Duty	E85	277	25% of time	31,193 gal	78.0 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 15 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	11,432 gal	23.9 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						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Norfolk - Schools	Light-Duty	CNG	3	100% of time	1,633 gal	3.1 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 Norfolk - Schools	Light-Duty	E85	15	25% of time	1,706 gal	4.3 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						
City of Norfolk - Schools	Light-Duty	Propane	2	100% of time	1,089 gal	2.3 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 Richmond	Heavy-Duty	CNG	67	85% of time	250,100 gal	470.5 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	7	85% of time	3,367 gal	6.3 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%)	110	75% of time	72,461 gal	664.0 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 Roanoke - Municipal	Light-Duty	Biodiesel (20%)	50	75% of time	4,125 gal	40.0 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 Staunton - Public Works	Heavy-Duty	Biodiesel (20%)	22	75% of time	10,724 gal	98.3 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
City of Staunton - Public Works	Heavy-Duty	E85	2	25% of time	1,315 gal	3.3 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 4 MPG Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
City of Staunton - Public Works	Light-Duty	Biodiesel (20%)	4	75% of time	244 gal	2.4 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 23 MPG Market: Utility Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
City of Staunton - Public Works	Light-Duty	E85	12	25% of time	1,407 gal	3.5 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						
City of Virginia Beach	Light-Duty	CNG	2	100% of time	1,089 gal	2.0 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGe Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
City of Virginia Beach	Light-Duty	E85	382	10% of time	17,921 gal	44.8 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	5.4 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPGe Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Colonial Williamsburg	Heavy-Duty	CNG	16	100% of time	70,265 gal	132.2 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGe Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Community Counseling	Light-Duty	Propane	29	85% of time	17,996 gal	37.6 tons
Miles traveled per vehicle: 10,951 mi Average vehicle fuel economy: 15 MPGe Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Culpeper County	Light-Duty	Propane	18	85% of time	11,045 gal	23.1 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						
Department of State Police	Light-Duty	E85	429	25% of time	47,884 gal	119.7 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 15 MPG Market: Government - State Vehicle type: Patrol Car Percentage from coalition: 74% National Clean Fleets Partnership: No						
Dominion Virginia Power	Heavy-Duty	Biodiesel (10%)	451	75% of time	148,545 gal	1,361.2 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	E85	435	25% of time	49,478 gal	123.7 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						
Dominion Virginia Power	Light-Duty	Propane	59	100% of time	32,118 gal	67.0 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
First Piedmont Corporation	Heavy-Duty	CNG	6	100% of time	26,349 gal	49.6 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Frederick County	Light-Duty	Propane	10	85% of time	6,136 gal	12.8 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						
Gloucester County	Heavy-Duty	Biodiesel (20%)	113	75% of time	37,509 gal	343.7 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Gloucester County	Heavy-Duty	Propane	8	100% of time	17,704 gal	37.0 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						
Gloucester County	Light-Duty	Biodiesel (20%)	4	74% of time	326 gal	3.2 tons
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						
Greater Richmond Transit Company	Heavy-Duty	CNG	72	100% of time	316,193 gal	594.8 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Greenlight Biofuels	Heavy-Duty	Biodiesel (20%)	4	100% of time	3,688 gal	33.8 tons
Miles traveled per vehicle: 25,000 mi Average vehicle fuel economy: 6 MPG Market: Corporate Fleet Vehicle type: Truck: Refuse Percentage from coalition: 100% National Clean Fleets Partnership: No						
Greenlight Biofuels	Light-Duty	Biodiesel (20%)	1	75% of time	82 gal	0.8 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 23 MPG Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Greenville County	Light-Duty	Propane	126	85% of time	61,853 gal	129.1 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 80% National Clean Fleets Partnership: No						
Groome Transportation	Light-Duty	Propane	13	85% of time	1,613 gal	3.4 tons
Miles traveled per vehicle: 10,951 mi Average vehicle fuel economy: 15 MPGge Market: Airport Vehicle type: Pickup/SUV/Van Percentage from coalition: 20% National Clean Fleets Partnership: No						
Jackson County	Light-Duty	Propane	20	85% of time	2,454 gal	5.1 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 20% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
James City County - Municipal	Heavy-Duty	Biodiesel (5%)	25	75% of time	4,117 gal	37.7 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 <i>B5 is not mandated in this area.</i>						
James City County - Municipal	Light-Duty	Biodiesel (5%)	108	75% of time	2,227 gal	21.6 tons
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 <i>B5 is not mandated in this area.</i>						
James City County - Municipal	Light-Duty	E85	34	25% of time	3,988 gal	10.0 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						
James City County - Municipal	Light-Duty	Propane	2	85% of time	916 gal	1.9 tons
Miles traveled per vehicle: 11,318 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	17	50% of time	3,988 gal	10.0 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 15 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
James Madison University	Heavy-Duty	CNG	1	100% of time	4,392 gal	8.3 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
James Madison University	Heavy-Duty	E85	2	25% of time	1,777 gal	4.4 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 4 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
James Madison University	Light-Duty	E85	84	25% of time	9,554 gal	23.9 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						
James Madison University	Light-Duty	Propane	14	85% of time	6,478 gal	13.5 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
James River Petroleum	Heavy-Duty	Biodiesel (20%)	14	75% of time	9,222 gal	84.5 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						
Keystone Atlanta - GA	Light-Duty	Propane	13	85% of time	6,542 gal	13.7 tons
Miles traveled per vehicle: 44,403 mi Average vehicle fuel economy: 15 MPGge Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 20% National Clean Fleets Partnership: No						
King and Queen County Schools	Heavy-Duty	Biodiesel (5%)	23	75% of time	3,788 gal	34.7 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 <i>B5 is not mandated in this area.</i>						
Kingsport - TN	Light-Duty	Propane	12	85% of time	3,682 gal	7.7 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 50% National Clean Fleets Partnership: No						
Liberty University	Light-Duty	E85	60	25% of time	6,825 gal	17.1 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						
Limousine Livery - LA	Light-Duty	Propane	16	85% of time	14,667 gal	30.6 tons
Miles traveled per vehicle: 56,620 mi Average vehicle fuel economy: 21 MPGge Market: Taxis Vehicle type: Car Percentage from coalition: 40% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Muscogee County - GA	Light-Duty	Propane	31	85% of time	3,804 gal	7.9 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 20% National Clean Fleets Partnership: No						
Newport News	Heavy-Duty	Biodiesel (20%)	253	75% of time	166,660 gal	1,527.2 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						
Newport News	Light-Duty	Biodiesel (20%)	285	75% of time	23,511 gal	227.8 tons
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						
Newport News	Light-Duty	E85	198	25% of time	22,521 gal	56.3 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						
Newport News	Light-Duty	Propane	22	85% of time	13,500 gal	28.2 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						
Norfolk Botanical Gardens	Heavy-Duty	Biodiesel (20%)	1	75% of time	659 gal	6.0 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						
Northumberland County	Heavy-Duty	Biodiesel (20%)	30	75% of time	19,762 gal	181.1 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						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
OTHER REGISTERED VIRGINIA E85 TOTAL	Light-Duty	E85	38,584	5% of time	877,730 gal	2,194.0 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> <p><i>This number is due to the deployment of a dozen E85 stations statewide from a VCC DOE project and our significant advancement of E85 fuel from continued education and outreach efforts. This excludes vehicles tracked elsewhere in this report. This represents 10% of the 385,835 total E85c vehicles in Virginia that are due to Virginia Clean Cities' outreach efforts.</i></p>						
Old Dominion University	Heavy-Duty	Biodiesel (20%)	5	25% of time	1,098 gal	10.1 tons
<p>Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Old Dominion University	Heavy-Duty	E85	20	25% of time	8,885 gal	22.2 tons
<p>Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No</p>						
Old Dominion University	Light-Duty	E85	20	25% of time	1,689 gal	4.2 tons
<p>Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						
Pearl River - MS	Light-Duty	Propane	16	85% of time	9,818 gal	20.5 tons
<p>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</p>						
Phillips Oil and Gas	Heavy-Duty	Biodiesel (20%)	3	25% of time	659 gal	6.0 tons
<p>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</p>						
Phillips Oil and Gas	Light-Duty	E85	2	75% of time	682 gal	1.7 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
Phillips Oil and Gas	Light-Duty	Propane	4	100% of time	2,264 gal	4.7 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						
Pickins County - SC	Light-Duty	Propane	28	85% of time	13,745 gal	28.7 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 80% National Clean Fleets Partnership: No						
Prince William County	Light-Duty	E85	500	25% of time	42,228 gal	105.6 tons
Miles traveled per vehicle: 11,318 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	544 gal	1.1 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						
Range Resources	Light-Duty	CNG	16	100% of time	9,054 gal	17.0 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						
Reco	Heavy-Duty	Biodiesel (20%)	7	100% of time	6,148 gal	56.3 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						
Reco	Light-Duty	Biodiesel (20%)	1	100% of time	125 gal	1.2 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						
Red Top	Light-Duty	Propane	1	85% of time	2,292 gal	4.8 tons
Miles traveled per vehicle: 56,620 mi Average vehicle fuel economy: 21 MPGge Market: Taxis 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
Revere Gas	Light-Duty	Biodiesel (20%)	5	75% of time	408 gal	4.0 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 23 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Reynolds Community College	Light-Duty	E85	3	50% of time	704 gal	1.8 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						
Richmond Department of Public Utilities	Light-Duty	CNG	45	100% of time	25,260 gal	47.5 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Roanoke County Public Schools	Heavy-Duty	Biodiesel (20%)	143	75% of time	47,468 gal	435.0 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Sandy Springs - GA	Light-Duty	Propane	55	85% of time	6,750 gal	14.1 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 20% National Clean Fleets Partnership: No						
Schwans	Heavy-Duty	Propane	110	100% of time	1,313,755 gal	2,742.2 tons
Miles traveled per vehicle: 64,764 mi Average vehicle fuel economy: 6 MPGde Market: Corporate Fleet Vehicle type: Truck: Semi-tailer Percentage from coalition: 100% National Clean Fleets Partnership: Yes						
Shenandoah National Park	Heavy-Duty	Biodiesel (20%)	65	25% of time	14,273 gal	130.8 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: National Parks Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Spotsylvania County	Heavy-Duty	Propane	5	100% of time	21,958 gal	45.8 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						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Spotsylvania County	Light-Duty	E85	93	25% of time	10,578 gal	26.4 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						
Spotsylvania County	Light-Duty	Propane	31	85% of time	19,022 gal	39.7 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						
State Farm Insurance	Light-Duty	E85	267	25% of time	27,631 gal	69.1 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 17 MPG Market: Corporate Fleet Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
SuperValu	Heavy-Duty	Biodiesel (20%)	105	25% of time	23,056 gal	211.3 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						
SuperValu	Heavy-Duty	CNG	62	2,000,000 GGE	1,900,116 gal	3,574.4 tons
Market: General/Unknown Vehicle type: Truck: Semi-trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
TFC Recycling	Heavy-Duty	CNG	32	100% of time	295,058 gal	555.1 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						
Transport Plus	Heavy-Duty	Biodiesel (20%)	2	75% of time	1,317 gal	12.1 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Transport Plus	Heavy-Duty	CNG	3	100% of time	13,175 gal	24.8 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPGde Market: Corporate Fleet 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
Transport Plus	Light-Duty	Biodiesel (20%)	2	75% of time	165 gal	1.6 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 23 MPG Market: Corporate Fleet Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Transport Plus	Light-Duty	CNG	2	100% of time	1,132 gal	2.1 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						
US Air Force	Heavy-Duty	Biodiesel (20%)	162	75% of time	78,969 gal	723.6 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
US Air Force	Light-Duty	Biodiesel (20%)	43	75% of time	2,625 gal	25.4 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 23 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
US Air Force	Light-Duty	CNG	6	100% of time	2,417 gal	4.5 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
US Air Force	Light-Duty	E85	55	100% of time	18,517 gal	46.3 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
US Army - Ft. Eustis	Light-Duty	Biodiesel (20%)	45	75% of time	2,747 gal	26.6 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 23 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
US Army - Ft. Eustis	Light-Duty	E85	92	50% of time	15,487 gal	38.7 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
US Army - Ft. Lee	Heavy-Duty	Biodiesel (20%)	2	75% of time	468 gal	4.3 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 6 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
US Army - Ft. Lee	Light-Duty	CNG	2	85% of time	712 gal	1.3 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
US Army - Ft. Lee	Light-Duty	E85	175	50% of time	29,459 gal	73.6 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
US Navy	Heavy-Duty	Biodiesel (20%)	538	75% of time	262,256 gal	2,403.2 tons
Miles traveled per vehicle: 23,814 mi Average vehicle fuel economy: 6 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
US Navy	Light-Duty	Biodiesel (20%)	211	75% of time	14,665 gal	142.1 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
US Navy	Light-Duty	CNG	1	100% of time	403 gal	0.8 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
US Navy	Light-Duty	E85	2,285	70% of time	538,517 gal	1,346.1 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
University of Virginia - Facilities	Heavy-Duty	Biodiesel (20%)	30	75% of time	19,762 gal	181.1 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						

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	1,650 gal	16.0 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						
University of Virginia - Facilities	Light-Duty	Propane	2	100% of time	1,089 gal	2.3 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						
University of Virginia - Transportation	Heavy-Duty	Biodiesel (20%)	34	75% of time	22,397 gal	205.2 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						
University of Virginia - Transportation	Light-Duty	E85	2	100% of time	938 gal	2.3 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						
Van Go Transportation Service	Light-Duty	Propane	45	85% of time	37,220 gal	77.7 tons
Miles traveled per vehicle: 14,596 mi Average vehicle fuel economy: 15 MPGge Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Veolia Baltimore, MD	Light-Duty	Propane	52	85% of time	24,811 gal	51.8 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 21 MPGge Market: Airport Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Veolia Denver, CO	Light-Duty	Propane	100	85% of time	23,857 gal	49.8 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 21 MPGge Market: Airport Vehicle type: Car Percentage from coalition: 50% National Clean Fleets Partnership: No						
Veolia Jacksonville, FL	Light-Duty	Propane	100	85% of time	47,713 gal	99.6 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 21 MPGge Market: Airport Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Veolia Pittsburgh, PA	Light-Duty	Propane	50	85% of time	23,857 gal	49.8 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 21 MPGge Market: Airport Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Villa Rica - GA	Light-Duty	Propane	11	85% of time	1,350 gal	2.8 tons
Miles traveled per vehicle: 15,160 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Patrol Car Percentage from coalition: 20% National Clean Fleets Partnership: No						
Virginia Beach - Schools	Heavy-Duty	Biodiesel (20%)	819	75% of time	271,859 gal	2,491.2 tons
Miles traveled per vehicle: 12,000 mi Average vehicle fuel economy: 6 MPG Market: Government - Local Vehicle type: Bus: School Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Beach - Schools	Heavy-Duty	CNG	4	100% of time	8,852 gal	16.7 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						
Virginia Beach - Schools	Light-Duty	Biodiesel (20%)	3	75% of time	255 gal	2.5 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 23 MPG Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Beach - Schools	Light-Duty	CNG	1	100% of time	561 gal	1.1 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Commonwealth University	Light-Duty	CNG	1	85% of time	361 gal	0.7 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPGge Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 75% National Clean Fleets Partnership: No						
Virginia Commonwealth University	Light-Duty	E85	85	25% of time	5,384 gal	13.5 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPG 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 Department of Environmental Quality	Light-Duty	E85	47	40% of time	6,527 gal	16.3 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	Biodiesel (20%)	2	75% of time	139 gal	1.3 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 20 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
Virginia Department of General Services	Light-Duty	CNG	46	100% of time	19,108 gal	35.9 tons
Miles traveled per vehicle: 11,788 mi Average vehicle fuel economy: 21 MPGge Market: Government - State Vehicle type: Car Percentage from coalition: 74% National Clean Fleets Partnership: No						
Virginia Department of General Services	Light-Duty	E85	2,583	60% of time	538,033 gal	1,344.9 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	Propane	3	85% of time	1,017 gal	2.1 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 21 MPGge Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
Virginia Department of Transportation	Light-Duty	E85	157	40% of time	21,143 gal	52.9 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPG Market: Government - State Vehicle type: Unknown/Other Percentage from coalition: 74% National Clean Fleets Partnership: No						
Virginia Eagle Distributing	Light-Duty	E85	75	25% of time	9,429 gal	23.6 tons
Miles traveled per vehicle: 10,951 mi Average vehicle fuel economy: 13 MPG Market: Corporate Fleet Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Virginia International Terminals	Heavy-Duty	Biodiesel (20%)	103	75% of time	32,572 gal	298.5 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 6 MPG Market: Airport Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia International Terminals	Light-Duty	E85	10	25% of time	1,137 gal	2.8 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 15 MPG Market: Airport Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia International Terminals	Light-Duty	Propane	90	100% of time	48,994 gal	102.3 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: Airport Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Natural Gas	Light-Duty	CNG	29	100% of time	16,411 gal	30.9 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						
Virginia Natural Gas	Light-Duty	E85	34	25% of time	3,829 gal	9.6 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 15 MPG Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Premier Health Care	Light-Duty	CNG	6	100% of time	3,234 gal	6.1 tons
Miles traveled per vehicle: 11,318 mi Average vehicle fuel economy: 21 MPGge Market: Government - Local Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Premier Health Care	Light-Duty	Propane	24	85% of time	11,105 gal	23.2 tons
Miles traveled per vehicle: 11,432 mi Average vehicle fuel economy: 21 MPGge Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Tech - Facilities	Light-Duty	E85	293	20% of time	27,492 gal	68.7 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						

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	Fuel Used	GGE Reduced	GHG Reduced
Washington & Lee University	Light-Duty	E85	2	25% of time	227 gal	0.6 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						
Williamsburg Area Transit Authority	Heavy-Duty	CNG	16	100% of time	91,351 gal	171.8 tons
Miles traveled per vehicle: 36,424 mi Average vehicle fuel economy: 6 MPGde Market: Government - Local Vehicle type: Bus: Transit Percentage from coalition: 85% National Clean Fleets Partnership: No						
York County	Light-Duty	E85	44	25% of time	5,161 gal	12.9 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						
Total:			53,579		12,244,752 gal	43,552 tons

Electric, Hybrid & Plug-in Vehicles

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Hampton Roads HDV HEV Fleets	Heavy-Duty	HEV	40	79,244 gal	976.1 tons
Average vehicle fuel economy: 15 MPG Miles traveled per vehicle per year: 16,000 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No					
Hampton Roads LDV EV Fleets	Light-Duty	Electric	259	166,608 gal	541.0 tons
Miles traveled per vehicle per year: 10,614 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No					
Hampton Roads LDV HEV Fleets	Light-Duty	HEV	457	102,192 gal	1,258.8 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					
Other Registered Electric Vehicles Virginia	Light-Duty	Electric	367	168,629 gal	547.5 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					

This is a total of registered electric vehicles in Virginia other than those that were reported elsewhere. This represents 20% of the 1,837 total electric vehicles in Virginia that are due to Virginia Clean Cities' outreach efforts.

Fleet/Station Name	Vehicle Class	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Other Registered Hybrid Electric Vehicles	Light-Duty	HEV	6,910	1,716,081 gal	21,138.2 tons
<p>Average vehicle fuel economy: 45 MPG Miles traveled per vehicle per year: 11,788 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets 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 98,714 total hybrid electric vehicles in Virginia that are due to Virginia Clean Cities' outreach efforts.</i></p>					
Rest of Virginia HDV HEV Fleets	Heavy-Duty	HEV	14	72,658 gal	895.0 tons
<p>Average vehicle fuel economy: 45 MPG Miles traveled per vehicle per year: 30,000 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p>					
Rest of Virginia LDV EV Fleets	Light-Duty	Electric	78	50,175 gal	162.9 tons
<p>Miles traveled per vehicle per year: 10,614 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No</p>					
Rest of Virginia LDV HEV Fleets	Light-Duty	HEV	133	29,741 gal	366.3 tons
<p>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</p>					
Richmond HDV HEV Fleets	Heavy-Duty	HEV	2	4,457 gal	54.9 tons
<p>Average vehicle fuel economy: 15 MPG Miles traveled per vehicle per year: 18,000 mi Market: General/Unknown Vehicle type: Unknown/Other Percentage from coalition: 100% National Clean Fleets Partnership: No</p>					
Richmond LDV EV Fleets	Light-Duty	Electric	106	68,187 gal	221.4 tons
<p>Miles traveled per vehicle per year: 10,614 mi Market: General/Unknown Vehicle type: Car Percentage from coalition: 100% National Clean Fleets Partnership: No</p>					
Richmond LDV HEV Fleets	Light-Duty	HEV	144	32,200 gal	396.6 tons
<p>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</p>					
Total:			8,510	2,490,173 gal	26,559 tons

Off-Road Vehicles

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
Belmont Golf Course	Recreational equipment	Alternative fuel or vehicles	Electric	61	5,100 gal	7.3 tons
<p>Fuel used: 50,000 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No</p>						

Fleet Name	Application	Method	Fuel	Number of Vehicles	GGE Reduced	GHG Reduced
College of William and Mary	Recreational equipment	Alternative fuel or vehicles	Electric	10	816 gal	1.2 tons
Fuel used: 8,000 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No						
Shenandoah National Park	Landscaping and lawn equipment	Alternative fuel or vehicles	Propane	12	5,920 gal	12.4 tons
Fuel used: 8,000 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Dominion Power	Forklifts	Alternative fuel or vehicles	Propane	36	7,992 gal	16.7 tons
Fuel used: 10,800 gal Percentage from coalition: 100% National Clean Fleets Partnership: No						
Virginia Eagle Distributing	Forklifts	Alternative fuel or vehicles	Electric	30	3,060 gal	4.4 tons
Fuel used: 30,000 kWh Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:				149	22,888 gal	42 tons

FUEL ECONOMY

Fuel Economy Improvements

Fleet Name	Previous Fuel	Current Fuel	Number of Vehicles	Miles Traveled per Vehicle	GGE Reduced	GHG Reduced
Henrico County	16 MPG	22 MPG	132	11,432 mi	25,722 gal	316.8 tons
Method: Vehicle - Smaller Vehicle class: Light-Duty Market: Government - Local Vehicle type: Pickup/SUV/Van Percentage from coalition: 100% National Clean Fleets Partnership: No						
Luck Stone	3 MPG	4 MPG	11	100,000 mi	101,426 gal	1,257.7 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: Corporate Fleet Vehicle type: Truck: No Trailer Percentage from coalition: 100% National Clean Fleets Partnership: No						

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	300	60,000 mi	1,659,704 gal	20,580.6 tons
Method: Vehicle - More efficient Vehicle class: Heavy-Duty Market: General/Unknown Vehicle type: Truck: Semi-tailer Percentage from coalition: 100% National Clean Fleets Partnership: No						
Total:			443	171,432 mi	1,786,852 gal	22,155 tons

Vehicle Miles Traveled Reductions

Fleet Name	Method	Vehicle Class	GGE Reduced	GHG Reduced
Total Virginia Green Fleet Bikes	Non-motorized locomotion (e.g., bicycles)	Light-Duty	1,440 gal	17.7 tons
Fuel: Gasoline Fuel economy: 25 MPG Number of vehicles: 60 VMT reduction per vehicle: 600 mi Percentage from coalition: 100% National Clean Fleets Partnership: No <i>This represents fleet bikes used to replace car trips.</i>				
Total:			1,440 gal	18 tons

IDLE REDUCTION

Truck Stop Electrification

Project Name	Number of Bays	Usage per Bay	GGE Reduced	GHG Reduced
IdleAir	53	3,650 hrs/year	214,046 gal	2,288.0 tons
Percentage from coalition: 100% National Clean Fleets Partnership: No				
Shore Power Near Lexington	24	2,400 hrs/year	15,933 gal	170.3 tons
Percentage from coalition: 25% National Clean Fleets Partnership: No				
Total:	77		229,980 gal	2,458 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	-	-
Type of project: Type of vehicle: Percentage from coalition: 100% National Clean Fleets Partnership: No					
Virginia Beach Public Schools	10	59 mins/day 365 days/year	0 gal/hr	-	-
Type of project: Type of vehicle: Percentage from coalition: 100% National Clean Fleets Partnership: No					
Total:	24			0 gal	0 tons

FUEL STATIONS

New Stations

Fuel		Public Stations	Private Stations
Biodiesel		0	0
CNG - Compressed Natural Gas		0	6
E85 - 85% Ethanol		0	0
Electric Chargers		76	6
Hydrogen		0	0
LNG - Liquefied Natural Gas		2	0
Propane	Text	5	4
Total:		83	16

OUTREACH ACTIVITIES

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
VCC Propane Transit and Paratransit Call <i>Technology:</i> Alternative fuel vehicles <i>Audience:</i> Private Fleets, Transit	01/07/2014	Meeting - Other	100%	30
Washington Auto Show Policy Initiative Panel <i>Technology:</i> Alternative fuel vehicles, Hybrid electric vehicles <i>Audience:</i> Delivery, General Public, Private Fleets, Transit	01/28/2014	Conference participation	25%	30
Stakeholder Meeting <i>Technology:</i> Alternative fuel vehicles, Hybrid electric vehicles <i>Audience:</i> Government, Private Fleets	02/03/2014	Meeting - Stakeholder	100%	11
Propane Vehicle Training <i>Technology:</i> Alternative fuel vehicles <i>Audience:</i> Government, Private Fleets	02/10/2014, 02/11/2014, 02/12/2014	Workshop held by coalition	100%	9
CNG Training Informational Call <i>Technology:</i> Alternative fuel vehicles <i>Audience:</i> General Public, Private Fleets	02/26/2014	Meeting - Other	100%	4
VCC Propane Autogas First Responder's Call <i>Technology:</i> Alternative fuel vehicles <i>Audience:</i> Government, Private Fleets	03/04/2014	Meeting - Other	100%	6
Green Truck Summit <i>Technology:</i> Alternative fuel vehicles <i>Audience:</i> General Public, Private Fleets	03/04/2014	Conference participation	5%	150
DEQ Environmental Conference <i>Technology:</i> Alternative fuel vehicles, Hybrid electric vehicles <i>Audience:</i> General Public, Government, Private Fleets	03/11/2014, 03/12/2014, 03/13/2014	Conference participation	10%	100
Clean Cities Quarterly EV Webinar <i>Technology:</i> Alternative fuel vehicles, Hybrid electric vehicles <i>Audience:</i> Government, Private Fleets	03/12/2014	Meeting - Other	10%	50

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
Innovation Under the Hood: Roanoke's Green Car Show Technology: Alternative fuel vehicles, Hybrid electric vehicles, Vehicle miles traveled reduction Audience: General Public, Private Fleets	03/29/2014	Workshop held by coalition	100%	30
NGV Expo and Conference Technology: Alternative fuel vehicles Audience:	04/14/2014, 04/15/2014, 04/16/2014	Conference participation	100%	300
Quarterly Stakeholder Meeting Technology: Alternative fuel vehicles, Hybrid electric vehicles Audience: Government, Private Fleets	04/15/2014	Meeting - Stakeholder	100%	20
CNG NFPA Technical Training Overview Technology: Alternative fuel vehicles Audience: Government, Private Fleets	04/15/2014	Meeting - Other	100%	20
CNG Training Technology: Alternative fuel vehicles Audience: Government, Private Fleets	04/28/2014, 04/29/2014, 04/30/2014, 05/01/2014, 05/02/2014	Workshop held by coalition	100%	15
Solar Photovoltaics: Introductory Workshop Technology: Alternative fuel vehicles, Hybrid electric vehicles Audience: General Public, Private Fleets	05/17/2014	Workshop held by coalition	25%	30
Tax Administrators Conference Technology: Alternative fuel vehicles Audience: Government, Private Fleets	06/18/2014	Conference participation	25%	100
Harrisonburg Virginia Energy Plan Listening Session Technology: Alternative fuel vehicles Audience: General Public, Government	07/01/2014	Meeting - Other	50%	100
Virginia Energy Council Meeting Technology: Alternative fuel vehicles Audience: Government	07/07/2014	Meeting - Other	50%	50
Clean Energy Fuels CNG Station Opening Technology: Alternative fuel vehicles Audience: General Public, Government, Private Fleets	08/13/2014	Media Event	50%	50
Task-Oriented Electric Vehicle Demonstration and Open House at Science Museum of VA Technology: Alternative fuel vehicles, Hybrid electric vehicles Audience: General Public, Private Fleets	09/17/2014	Workshop held by coalition	100%	20
Fleet Learning Expo and Efficient Technology Symposium Technology: Alternative fuel vehicles, Hybrid electric vehicles Audience: General Public, Government, Private Fleets	09/24/2014, 09/25/2014, 09/26/2014	Conference participation	100%	150

Activity Name	Dates	Activity Type	Percentage from Coalition	Persons Reached
100 Best Fleets Symposium	10/10/2014	Conference participation	50%	30
Technology: Alternative fuel vehicles, Hybrid electric vehicles Audience: General Public, Government, Private Fleets				
Odyssey Day at Virginia Tech	10/17/2014	Meeting - Other	100%	75
Technology: Alternative fuel vehicles, Hybrid electric vehicles Audience: Airport, General Public				
Alternative Fuel Vehicle Roadshow at Main Street Station	11/20/2014	Workshop held by coalition	100%	100
Technology: Alternative fuel vehicles, Hybrid electric vehicles Audience: General Public, Government, Private Fleets				
Alternative Fuel Vehicle Roadshow	11/21/2014	Workshop held by coalition	100%	50
Technology: Alternative fuel vehicles, Hybrid electric vehicles Audience: General Public, Government, Private Fleets				
Total:				1,530

GRANTS

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2014	Matching Funds Spent in 2014	Total Project Funding Spent in 2014
Argonne National Laboratory	\$10,680	-	\$10,680	\$10,680	\$0	\$10,680

Length of grant: 1

Year grant began: 2014

Sources of the grant: Department of Energy

Partners: American Society for Engineering Education, Department of Energy Clean Cities

Technologies: B100 - 100 percent Biodiesel, Biodiesel Blends, CNG - Compressed Natural Gas, E85 - 85 percent Ethanol, Electricity, Fuel Economy Improvements, H2 - Hydrogen, Idle Reduction, LNG - Liquefied Natural Gas, Propane, Vehicle-Miles Traveled Reductions

Purpose: Clean Cities University Workforce Development Program

CCUWDP through the Argonne National Laboratory funds a student intern to assist Virginia Clean Cities with all coalition activities and efforts during the Spring and Fall semesters.

Department of Energy	\$111,340	\$7,850	\$123,928	\$87,124	\$0	\$87,124
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Additional grant money added in 2014 \$4,738

Additional matching funds added in 2014 \$0

Length of grant: 2

Year grant began: 2013

Sources of the grant: Department of Energy

Partners: James Madison University, National Energy Technology Laboratory

Technologies: B100 - 100 percent Biodiesel, Biodiesel Blends, CNG - Compressed Natural Gas, E85 - 85 percent Ethanol, Electricity, Fuel Economy Improvements, H2 - Hydrogen, Idle Reduction, LNG - Liquefied Natural Gas, Propane, Vehicle-Miles Traveled Reductions, Other

Purpose: Implementation Initiatives to Advance Alternative Fuel Markets

The Clean Cities program has identified the following four critical areas that provide significant obstacles to alternative fuel vehicle use: 1) Policies, 2) Barrier Reduction, 3) Safety and Training, and 4) Market Development/Outreach. Eight events and trainings will be held to advance alternative fuels.

**The total matching funds obligation should be \$0.00 for Virginia Clean Cities.*

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2014	Matching Funds Spent in 2014	Total Project Funding Spent in 2014
Department of Energy	\$5,000	-	\$5,000	\$5,000	-	\$5,000
<p>Additional grant money added in 2014 \$0 Additional matching funds added in 2014 \$0 Length of grant: 2 Year grant began: 2013 Sources of the grant: Congestion Mitigation and Air Quality Improvement (CMAQ) Program, State Government Partners: James Madison University, NCSU College of Engineering Technologies: Other Purpose: Alternative Fuel Implementation Team</p> <p><i>Research and report and provide contact information for appropriate parties involved with road signage policies and implementation in Virginia. Participate in conference calls to discuss strategy for expanding roadside alternative fuel infrastructure signage. Contribute to report on road signage policy and procedures in NC, SC, VA, TN, KY. Publicize road signage policies, contribute photos and success stories on current alt fuel road signage to expand utilization opportunities. Participate in planning calls to discuss alt fuel incentives in NC, SC, VA, TN, KY. Research and report on effectiveness (i.e. utilization numbers, ease of implementation, perceived effectiveness).</i></p>						
Department of Energy	\$10,000	\$0	\$10,000	\$4,196	\$0	\$4,196
<p>Length of grant: 2 Year grant began: 2013 Sources of the grant: Department of Energy Partners: National Renewable Energy Laboratory, Shenandoah National Park Technologies: Electricity, Fuel Economy Improvements, Propane Purpose: Supporting the Clean Cities National Parks Initiative</p> <p><i>Virginia Clean Cities is working with the Shenandoah National Park to deploy electric vehicles and propane mowers and to explain these technologies to park visitors. This partnership will help the National Park Service to accelerate the introduction and deployment of domestically produced alternative fuels and energy efficient vehicles. VCC will produce an educational video about the Park's sustainable vehicle program, and lead a project kick-off event as an education and outreach tool for Park staff, visitors, and media outlets. VCC will also develop electric vehicle charger design protocols in the form of a case study, and provide other technical assistance as needed to the Park. The Shenandoah National Park is acquiring a plug-in hybrid electric vehicle, an all-electric vehicle, three 220V EV chargers and 12 propane lawn mowers. VCC also supports the Blue Ride Parkway's efforts with propane service vehicles.</i></p>						
National Renewable Energy Laboratory	\$165,000	\$0	\$165,000	\$24,407	\$0	\$24,407
<p>Length of grant: 3 Year grant began: 2014 Sources of the grant: None of the above Partners: Alliance for Sustainable Energy, LLC Technologies: B100 - 100 percent Biodiesel, Biodiesel Blends, CNG - Compressed Natural Gas, E85 - 85 percent Ethanol, Electricity, Fuel Economy Improvements, H2 - Hydrogen, Idle Reduction, LNG - Liquefied Natural Gas, Propane, Vehicle-Miles Traveled Reductions, Other Purpose: Clean Cities Coalition Mentoring</p> <p><i>The purpose of this grant is to assist Clean Cities Coalitions with stakeholder growth and outreach efforts.</i></p>						
Oak Hill Fund	\$25,000	\$25,000	\$50,000	\$25,000	\$25,000	\$50,000
<p>Length of grant: 1 Year grant began: 2014 Sources of the grant: Foundation or Nonprofit Technologies: Electricity, Fuel Economy Improvements Purpose: Clean Transportation Project</p> <p><i>The Clean Transportation Project seeks to improve air quality in Virginia by advancing alternative and renewable fuel adoption through outreach and education in cities, towns, and counties in every corner of the Commonwealth. Virginia Clean Cities enables this adoption through in person meetings to educate decision makers at the local government level. It is our hope that this outreach will translate directly into alternate and renewable fuel adoption in Virginia.</i></p>						
Virginia Department of Mines, Minerals and Energy	\$45,000	\$0	\$45,000	\$37,644	\$0	\$37,644
<p>Length of grant: 1 Year grant began: 2013 Sources of the grant: State Government Partners: James Madison University Technologies: B100 - 100 percent Biodiesel, Biodiesel Blends, CNG - Compressed Natural Gas, E85 - 85 percent Ethanol, Electricity, Fuel Economy Improvements, H2 - Hydrogen, Idle Reduction, LNG - Liquefied Natural Gas, Propane, Vehicle-Miles Traveled Reductions Purpose: Omnibus 7</p> <p><i>Virginia Clean Cities provides direct support to the state energy office on a variety of alternate fuels and domestic energy efforts related to petroleum reduction. These tasks include a diversity of programs, which are reviewed regularly in support of Virginia's efforts. This has included the state natural gas vehicle efforts, the state propane vehicle efforts, and the state electric vehicle efforts as well as state biodiesel, ethanol and hydrogen programs.</i></p>						

Grantor	Total Grant Amount	Total Matching Funds	Total Project Funding	Grant Amount Spent in 2014	Matching Funds Spent in 2014	Total Project Funding Spent in 2014
Virginia Department of Mines, Minerals, and Energy	\$45,000	\$0	\$45,000	\$26,998	\$0	\$26,998
<p>Length of grant: 1 Year grant began: 2014 Sources of the grant: Congestion Mitigation and Air Quality Improvement (CMAQ) Program, State Government Partners: James Madison University Technologies: B100 - 100 percent Biodiesel, Biodiesel Blends, CNG - Compressed Natural Gas, E85 - 85 percent Ethanol, Electricity, Fuel Economy Improvements, H2 - Hydrogen, Idle Reduction, LNG - Liquefied Natural Gas, Propane, Vehicle-Miles Traveled Reductions Purpose: Omnibus 8</p> <p><i>Virginia Clean Cities provides direct support to the state energy office on a variety of alternate fuels and domestic energy efforts related to petroleum reduction. These tasks include a diversity of programs, which are reviewed regularly in support of Virginia's efforts. This has included the state natural gas vehicle efforts, the state propane vehicle efforts, and the state electric vehicle efforts as well as state biodiesel, ethanol and hydrogen programs.</i></p>						
Total:	\$417,020	\$32,850	\$449,870	\$221,048	\$25,000	\$246,048