

# 2023 Transportation Technology Deployment Report:

Alamo Area Clean Cities (San Antonio)  
Expanded Edition

March 2024



**Clean Cities** and  
**Communities**

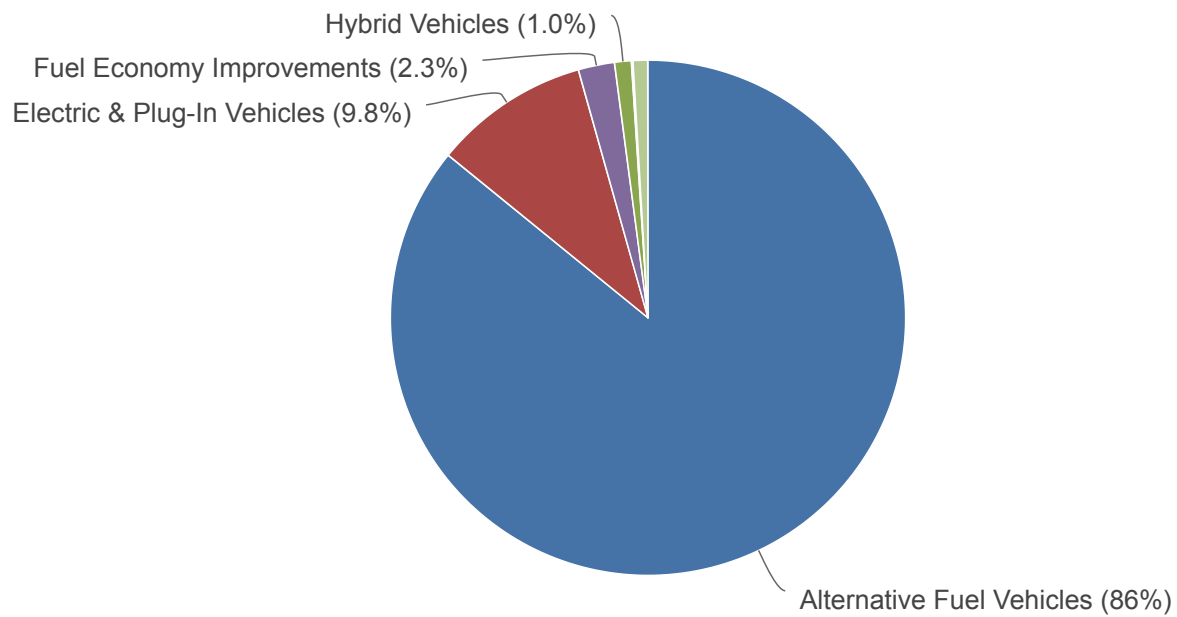
The U.S. Department of Energy's (DOE) Clean Cities and Communities fosters the nation's economic, environmental, and energy security by working locally to advance affordable, domestic transportation fuels, energy efficient mobility systems, and other fuel-saving technologies and practices. A national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

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

To view aggregated data for all local coalitions in the network, visit [cleancities.energy.gov/accomplishments](https://cleancities.energy.gov/accomplishments).

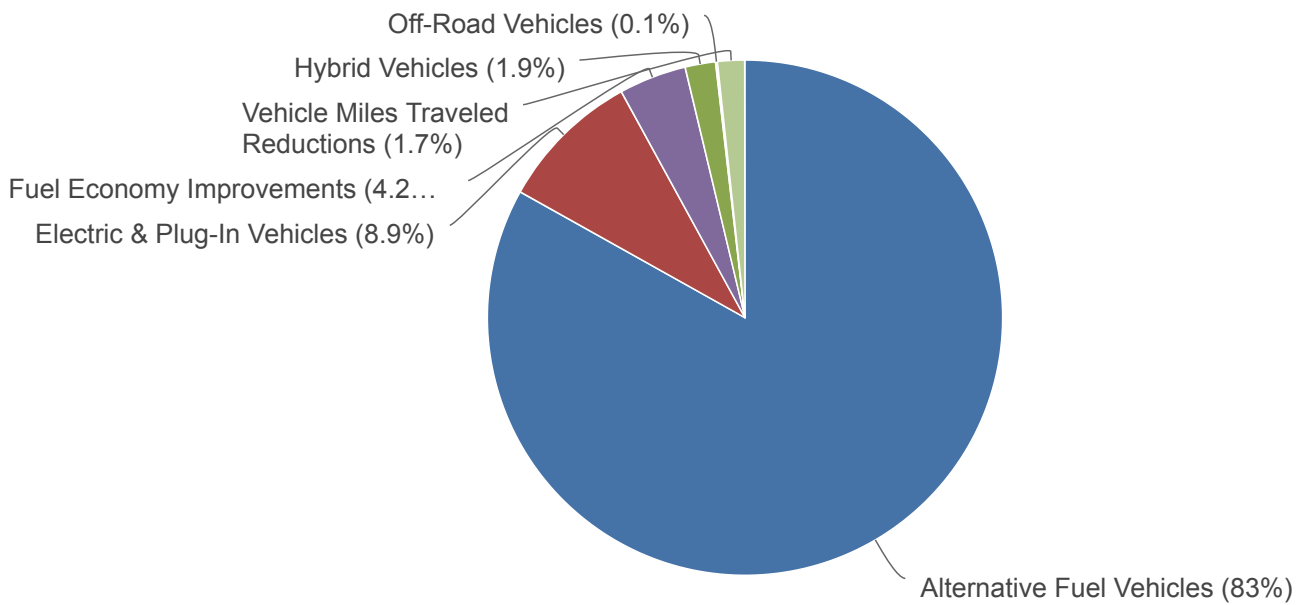
## 2023 Gallons of Gasoline Equivalent Reduced

2,754,754 gallons

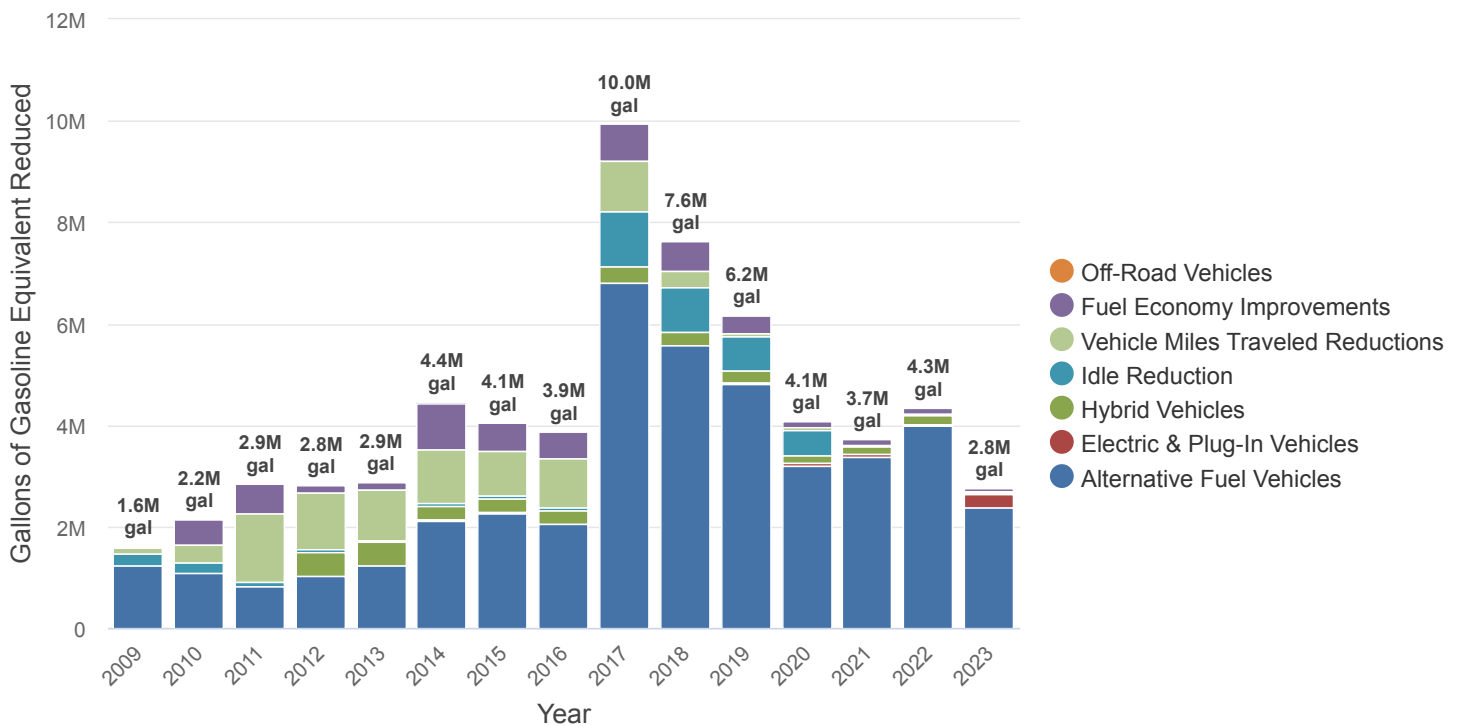


## 2023 Greenhouse Gas Emissions Reduced

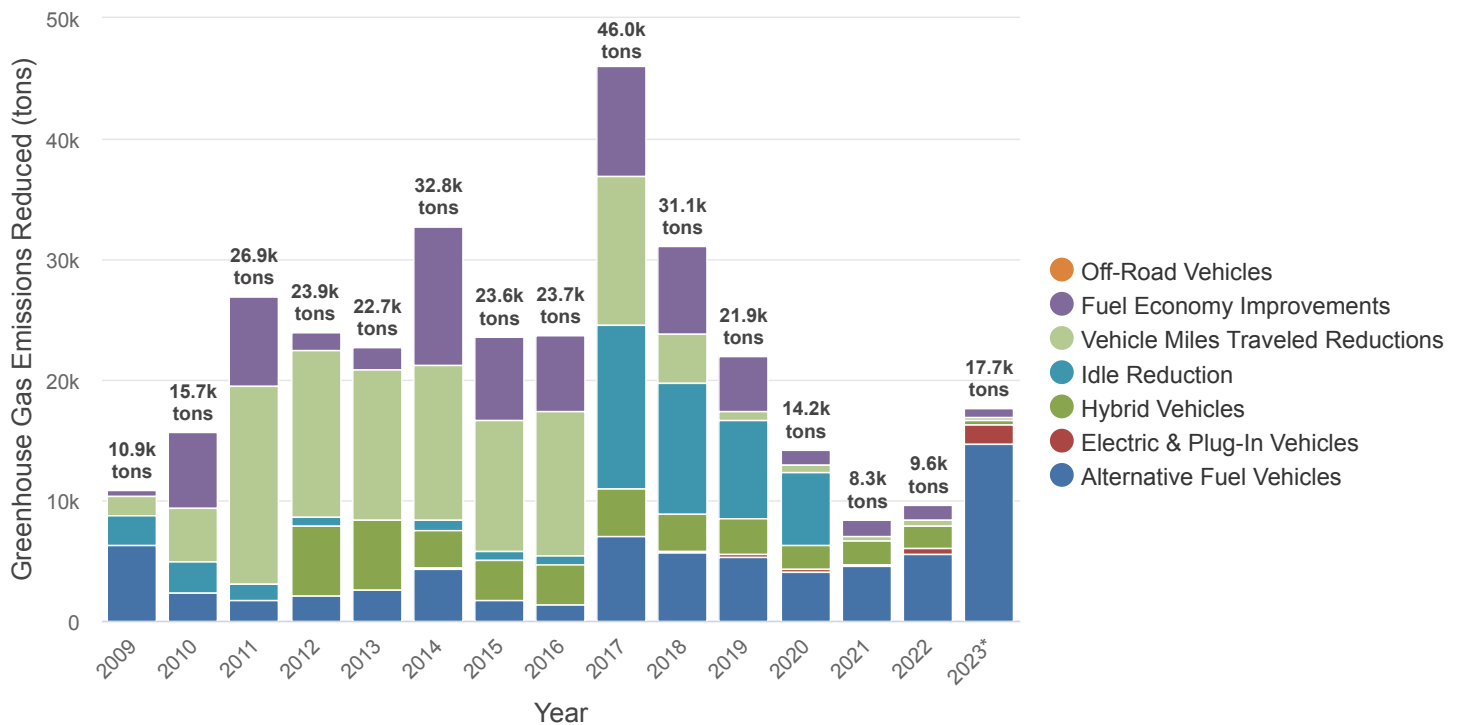
17,683 tons



## Historical Gallons of Gasoline Equivalent Reduced



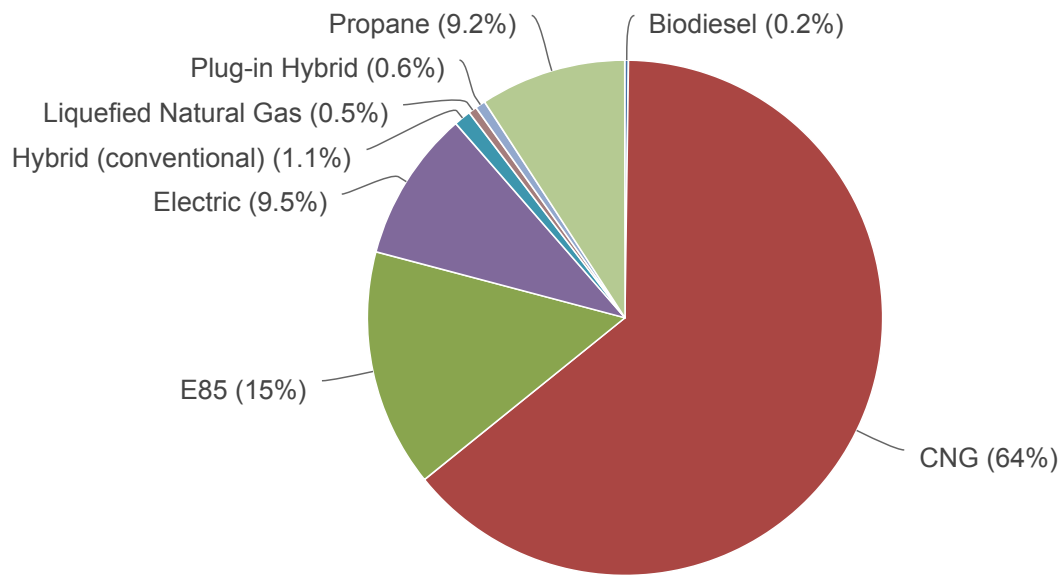
## Historical Greenhouse Gas Emissions Reduced



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

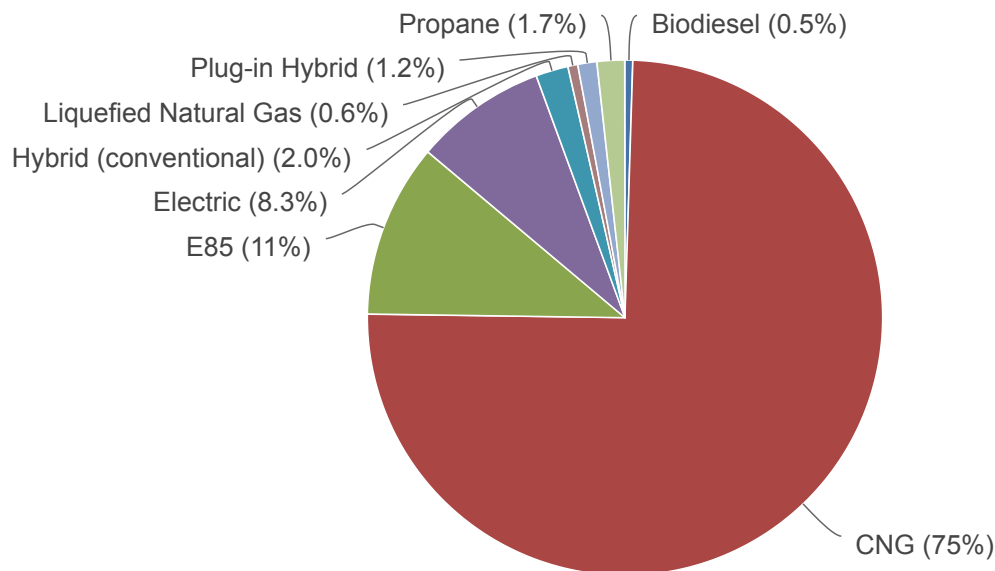
## 2023 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects

2,666,441 gallons



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

16,633 tons



## Criteria Pollutant Emissions Reduced

Criteria pollutants are chemicals that have been linked to human health effects and therefore regulated in the Clean Air Act of 1970. Criteria pollutants include nitrogen oxides (NO<sub>x</sub>) and volatile organic compounds (VOC), both precursors to ozone pollution or smog. They also include particulate matter (PM) grouped into 10 and 2.5 micron sizes. The Clean Cities and Communities annual report calculates them using the same assumptions and default values as AFLEET 2016, with some adjustments to fit specific data inputs. They are quantified at vehicle tailpipes, as those are the emissions contributing to the regulated "ambient" air quality of a given city. Upstream emissions from electric power plants, refineries, and biofuel feedstock farms are not included in this summary since those operations typically do not take place in or near population centers where the vehicles are operated and health effects can be documented. When a specific pollutant surpasses a given threshold for a given area, the area is considered to be in "nonattainment" for that pollutant. Nonattainment areas for given pollutants can be viewed at [www.epa.gov/green-book](http://www.epa.gov/green-book). To learn more about what your emissions numbers mean, please take the Understanding Emissions or Emissions Compliance courses at [Clean Cities and Communities eLearning](#).

| Reductions by Technology                       | CO                | NO <sub>x</sub> | VOC*             | PM10          | PM2.5        |
|--|-------------------|-----------------|------------------|---------------|--------------|
| Alternative Fuel Vehicles - Biodiesel          | -979 lb           | -19 lb          | 99 lb            | 1 lb          | 1 lb         |
| Alternative Fuel Vehicles - CNG                | 117,682 lb        | 2,492 lb        | 10,071 lb        | 197 lb        | -17 lb       |
| Alternative Fuel Vehicles - E85                | -45 lb            | -1 lb           | 552 lb           | -1 lb         | 0 lb         |
| Alternative Fuel Vehicles - LNG                | 838 lb            | 18 lb           | 68 lb            | 2 lb          | 0 lb         |
| Alternative Fuel Vehicles - Propane            | 2,505 lb          | 48 lb           | 2,106 lb         | -2 lb         | -2 lb        |
| Electric, Hybrid & Plug-in Vehicles - Electric | 60,823 lb         | 1,682 lb        | 2,650 lb         | 204 lb        | 20 lb        |
| Electric, Hybrid & Plug-in Vehicles - HEV      | 4,528 lb          | 136 lb          | 378 lb           | 57 lb         | 12 lb        |
| Electric, Hybrid & Plug-in Vehicles - PHEV     | 2,675 lb          | 80 lb           | 224 lb           | 34 lb         | 7 lb         |
| Fuel Economy Improvements                      | 14,986 lb         | 415 lb          | 663 lb           | 145 lb        | 29 lb        |
| Off-Road Vehicles                              | 209 lb            | 5 lb            | 17 lb            | 0 lb          | 0 lb         |
| Vehicle Miles Traveled Reductions              | 4,042 lb          | 121 lb          | 339 lb           | 51 lb         | 11 lb        |
| <b>Total:</b>                                  | <b>207,265 lb</b> | <b>4,978 lb</b> | <b>17,167 lb</b> | <b>688 lb</b> | <b>61 lb</b> |

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

# COALITION

## Alamo Area Clean Cities (San Antonio) - TX

<https://www.aacog.com/cleancities>

**Designated:** 11/10/1999

**Boundaries:** Counties: Atascosa, Bandera, Bexar, Comal, Frio, Gillespie, Guadalupe, Karnes, Kendall, Kerr, Medina, Wilson; City of San Antonio

## DIRECTORS

|                 | Address   | Telephone    | Fax |
|-----------------|---|--------------|-----|
| Lyle Hufstetler | Alamo Area Council of Governments<br>2700 NE Loop 410, Suite 101<br>San Antonio, TX 78217 | 210-362-5225 |     |

|  |          |
|--|----------|
| Number of coalition directors                        | 1        |
| Coalition director(s) hours per week on Clean Cities | 20 hours |
| Other staff hours per week on Clean Cities           | 40 hours |
| How long have you been the coalition director?       | 5 years  |

## OPERATING INFORMATION

|   |  |
|---|--|
| Coalition organizational structure                          | Hosted in a planning organization<br>(COG/MPO/RPC) |
| Does the coalition have a non-profit governing board?       | No   |
| Does the coalition have a non-governing advisory committee? | No   |

## Stakeholders

|  |  |
|--|--|
| Number of stakeholders   | 20   |
| Number of private stakeholders   | 5  |
| Stakeholder counting notes   |  |
| Does the State Energy Office provide any financial support to the coalition or stakeholders? | No   |
| How do you obtain most of your data for the survey?  | Coalition records,<br>Paper, e-mail, or<br>spreadsheet<br>questionnaire to<br>stakeholders, Phone<br>calls to stakeholders |
| Has your coalition registered with <a href="http://www.grants.gov">www.grants.gov</a> ?      | Yes  |

## 2023 Outside Funding

|  |     |
|--|-----|
| Stakeholder dues collected   | \$0 |
| How much funding is obtained from other sources to cover coalition operating expenses? | -   |
| Non-DOE or ARRA grant and matching funds spent in 2023                                 | \$0 |
| Total non-DOE or ARRA funding in 2023  | \$0 |

# VEHICLE & FUEL INVENTORY

## Alternative Fuel & Vehicles

| Fleet/Station Name  | Vehicle Class | Fuel               | Number of Vehicles | Fuel Used    | GGE Reduced | GHG Reduced |
|---|---------------|--------------------|--------------------|--------------|-------------|-------------|
| Alamo Heights ISD   | Heavy-Duty    | Propane            | 1                  | 100% of time | 151 gal     | N/A         |
| <b>Miles traveled per vehicle:</b> 6,628 mi<br><b>Average vehicle fuel economy:</b> 22 MPGde<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Bus: School<br><b>Percentage from coalition:</b> 80%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br>* GHG emissions <i>for this project</i> are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV. |               |                    |                    |              |             |             |
| Bexar County  | Heavy-Duty    | Biodiesel (10%)    | 164                | 100% of time | 3,744 gal   | 29.4 tons   |
| <b>Miles traveled per vehicle:</b> 7,926 mi<br><b>Average vehicle fuel economy:</b> 7 MPG<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Truck: No Trailer<br><b>Percentage from coalition:</b> 20%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |                    |                    |              |             |             |
| Bexar County  | Light-Duty    | Biodiesel (10%)    | 98                 | 100% of time | 1,948 gal   | 52.0 tons   |
| <b>Miles traveled per vehicle:</b> 15,000 mi<br><b>Average vehicle fuel economy:</b> 19 MPG<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 20%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No  |               |                    |                    |              |             |             |
| Bexar County  | Light-Duty    | E85 (blender pump) | 155                | 100% of time | 216,246 gal | 985.1 tons  |
| <b>Miles traveled per vehicle:</b> 50,000 mi<br><b>Average vehicle fuel economy:</b> 8 MPG<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Patrol Car<br><b>Percentage from coalition:</b> 40%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |                    |                    |              |             |             |
| Bexar County  | Light-Duty    | E85 (blender pump) | 240                | 100% of time | 24,798 gal  | 113.0 tons  |
| <b>Miles traveled per vehicle:</b> 12,000 mi<br><b>Average vehicle fuel economy:</b> 13 MPG<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 20%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No  |               |                    |                    |              |             |             |
| Boerne ISD  | Heavy-Duty    | Propane            | 5                  | 100% of time | 7,615 gal   | N/A         |



| Fleet/Station Name  | Vehicle Class | Fuel                  | Number of Vehicles | Fuel Used    | GGE Reduced | GHG Reduced |
|---|---------------|-----------------------|--------------------|--------------|-------------|-------------|
| <b>Miles traveled per vehicle:</b> 21,121 mi<br><b>Average vehicle fuel economy:</b> 7 MPGde<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Bus: School<br><b>Percentage from coalition:</b> 80%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br>* GHG emissions <i>for this project</i> are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV. |               |                       |                    |              |             |             |
| GSA   | Light-Duty    | E85<br>(blender pump) | 1,152              | 60% of time  | 90,642 gal  | 412.9 tons  |
| <b>Miles traveled per vehicle:</b> 7,020 mi<br><b>Average vehicle fuel economy:</b> 18 MPG<br><b>Market:</b> General/Unknown<br><b>Vehicle type:</b> Car<br><b>Percentage from coalition:</b> 60%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |                       |                    |              |             |             |
| HEB Grocery   | Heavy-Duty    | LNG                   | 2                  | 100% of time | 4,590 gal   | 33.4 tons   |
| <b>Miles traveled per vehicle:</b> 75,000 mi<br><b>Average vehicle fuel economy:</b> 7 MPGde<br><b>Market:</b> Corporate Fleet<br><b>Vehicle type:</b> Truck: No Trailer<br><b>Percentage from coalition:</b> 40%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><i>Volvo and Freightliner LNG Tractor</i>  |               |                       |                    |              |             |             |
| HEB Grocery   | Heavy-Duty    | LNG                   | 4                  | 54,977 gal   | 6,591 gal   | 49.7 tons   |
| <b>Market:</b> Corporate Fleet<br><b>Vehicle type:</b> Truck: Semi-trailer<br><b>Percentage from coalition:</b> 20%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |                       |                    |              |             |             |
| Marion ISD  | Heavy-Duty    | Propane               | 4                  | 100% of time | 2,583 gal   | N/A         |
| <b>Miles traveled per vehicle:</b> 8,955 mi<br><b>Average vehicle fuel economy:</b> 7 MPGde<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Bus: School<br><b>Percentage from coalition:</b> 80%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br>* GHG emissions <i>for this project</i> are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.  |               |                       |                    |              |             |             |
| Northside ISD   | Heavy-Duty    | Propane               | 600                | 100% of time | 155,761 gal | 238.9 tons  |
| <b>Miles traveled per vehicle:</b> 12,000 mi<br><b>Average vehicle fuel economy:</b> 7 MPGde<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Bus: School<br><b>Percentage from coalition:</b> 20%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No  |               |                       |                    |              |             |             |
| San Antonio ISD   | Heavy-Duty    | Propane               | 24                 | 46,610 gal   | 14,117 gal  | 21.7 tons   |

| Fleet/Station Name  | Vehicle Class | Fuel    | Number of Vehicles | Fuel Used    | GGE Reduced | GHG Reduced |
|---|---------------|---------|--------------------|--------------|-------------|-------------|
| <b>Market:</b> Government - Local<br><b>Vehicle type:</b> Bus: School<br><b>Percentage from coalition:</b> 40%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No  |               |         |                    |              |             |             |
| San Antonio Missions NPS  | Light-Duty    | CNG     | 1                  | 100% of time | 453 gal     | 3.5 tons    |
| <b>Miles traveled per vehicle:</b> 11,318 mi<br><b>Average vehicle fuel economy:</b> 18 MPGge<br><b>Market:</b> National Parks<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><i>When specific fuel economy information was not given, we used fueleconomy.gov (recommended by Clean Cities submission box) to find information for comparable vehicles. We used the power sort feature to search for vehicles that matched the information provided by stakeholders. When no year was given, we limited our search to the year the vehicle was deployed. We calculated the average fuel economy from the highest and lowest vehicles yielded from the search and rounded to the nearest whole number. In cases where the website did not provide examples of relevant vehicles, we provided a vehicle example externally or used the default fuel information.</i> |               |         |                    |              |             |             |
| San Antonio Missions NPS  | Light-Duty    | Propane | 4                  | 50% of time  | 722 gal     | 1.1 tons    |
| <b>Miles traveled per vehicle:</b> 11,318 mi<br><b>Average vehicle fuel economy:</b> 18 MPGge<br><b>Market:</b> National Parks<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><i>When specific fuel economy information was not given, we used fueleconomy.gov (recommended by Clean Cities submission box) to find information for comparable vehicles. We used the power sort feature to search for vehicles that matched the information provided by stakeholders. When no year was given, we limited our search to the year the vehicle was deployed. We calculated the average fuel economy from the highest and lowest vehicles yielded from the search and rounded to the nearest whole number. In cases where the website did not provide examples of relevant vehicles, we provided a vehicle example externally or used the default fuel information.</i> |               |         |                    |              |             |             |
| SAWS  | Heavy-Duty    | Propane | 7                  | 100 gal      | 25 gal      | N/A         |
| <b>Market:</b> Corporate Fleet<br><b>Vehicle type:</b> Unknown/Other<br><b>Percentage from coalition:</b> 40%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><i>* GHG emissions for this project are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.</i>  |               |         |                    |              |             |             |
| Schwan's - Medium-duty Propane  | Light-Duty    | Propane | 6                  | 32,441 gal   | 24,563 gal  | 37.7 tons   |
| <b>Market:</b> Corporate Fleet<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 100%<br><b>National Clean Fleets Partnership:</b> Yes<br><b>Energy Efficient Mobility Systems Partnership:</b> No  |               |         |                    |              |             |             |
| Seguin ISD  | Heavy-Duty    | Propane | 21                 | 100% of time | 16,735 gal  | N/A         |
| <b>Miles traveled per vehicle:</b> 11,051 mi<br><b>Average vehicle fuel economy:</b> 7 MPGde<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Bus: School<br><b>Percentage from coalition:</b> 80%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><i>* GHG emissions for this project are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.</i>   |               |         |                    |              |             |             |
| Southside ISD   | Heavy-Duty    | Propane | 10                 | 100% of time | 10,887 gal  | N/A         |

| Fleet/Station Name  | Vehicle Class | Fuel                  | Number of Vehicles | Fuel Used     | GGE Reduced   | GHG Reduced   |
|---|---------------|-----------------------|--------------------|---------------|---------------|---------------|
| <b>Miles traveled per vehicle:</b> 15,097 mi<br><b>Average vehicle fuel economy:</b> 7 MPGde<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Bus: School<br><b>Percentage from coalition:</b> 80%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br>* GHG emissions <i>for this project</i> are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV. |               |                       |                    |               |               |               |
| Southwest ISD   | Heavy-Duty    | Propane               | 26                 | 100% of time  | 6,645 gal     | N/A           |
| <b>Miles traveled per vehicle:</b> 3,544 mi<br><b>Average vehicle fuel economy:</b> 7 MPGde<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Bus: School<br><b>Percentage from coalition:</b> 80%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br>* GHG emissions <i>for this project</i> are not estimated to be less than an equivalent diesel fleet. If LPG vehicles replace gasoline, please change vehicle type from HDV to LDV.  |               |                       |                    |               |               |               |
| Texas Department of Transportation  | Light-Duty    | E85<br>(blender pump) | 188                | 100% of time  | 25,117 gal    | 114.4 tons    |
| <b>Miles traveled per vehicle:</b> 10,344 mi<br><b>Average vehicle fuel economy:</b> 13 MPG<br><b>Market:</b> Government - State<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 30%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No  |               |                       |                    |               |               |               |
| Texas Department of Transportation  | Light-Duty    | Propane               | 61                 | 50% of time   | 3,889 gal     | 6.0 tons      |
| <b>Miles traveled per vehicle:</b> 9,880 mi<br><b>Average vehicle fuel economy:</b> 18 MPGge<br><b>Market:</b> Government - State<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 30%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |                       |                    |               |               |               |
| Texas Department of Transportation  | Light-Duty    | Propane               | 18                 | 100% of time  | 853 gal       | 1.3 tons      |
| <b>Miles traveled per vehicle:</b> 5,442 mi<br><b>Average vehicle fuel economy:</b> 17 MPGge<br><b>Market:</b> Government - State<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 20%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |                       |                    |               |               |               |
| UPS - Heavy-duty CNG  | Heavy-Duty    | CNG                   | 358                | 2,002,386 GGE | 1,702,028 gal | 12,400.3 tons |
| <b>Market:</b> Corporate Fleet<br><b>Vehicle type:</b> Unknown/Other<br><b>Percentage from coalition:</b> 100%<br><b>National Clean Fleets Partnership:</b> Yes<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><i>NREL RELOAD for CY23. UPS did not report for CY23.<br/>           This includes class 4-6 package delivery trucks and class 7-8 tractors</i>  |               |                       |                    |               |               |               |
| UTSA Fleet  | Heavy-Duty    | CNG                   | 1                  | 100% of time  | 1,221 gal     | 9.7 tons      |

| Fleet/Station Name  | Vehicle Class | Fuel                  | Number of Vehicles | Fuel Used    | GGE Reduced          | GHG Reduced        |
|---|---------------|-----------------------|--------------------|--------------|----------------------|--------------------|
| <b>Miles traveled per vehicle:</b> 12,287 mi<br><b>Average vehicle fuel economy:</b> 8 MPGde<br><b>Market:</b> General/Unknown<br><b>Vehicle type:</b> Truck: No Trailer<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No |               |                       |                    |              |                      |                    |
| UTSA Fleet  | Heavy-Duty    | E85<br>(blender pump) | 30                 | 100% of time | 29,872 gal           | 136.1 tons         |
| <b>Miles traveled per vehicle:</b> 12,287 mi<br><b>Average vehicle fuel economy:</b> 5 MPG<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Truck: No Trailer<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No           |               |                       |                    |              |                      |                    |
| UTSA Fleet  | Light-Duty    | CNG                   | 5                  | 100% of time | 2,265 gal            | 17.4 tons          |
| <b>Miles traveled per vehicle:</b> 11,318 mi<br><b>Average vehicle fuel economy:</b> 18 MPGe<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No            |               |                       |                    |              |                      |                    |
| UTSA Fleet  | Light-Duty    | E85<br>(blender pump) | 24                 | 100% of time | 8,570 gal            | 39.0 tons          |
| <b>Miles traveled per vehicle:</b> 11,318 mi<br><b>Average vehicle fuel economy:</b> 13 MPG<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No             |               |                       |                    |              |                      |                    |
| UTSA Fleet  | Light-Duty    | E85<br>(blender pump) | 12                 | 100% of time | 2,913 gal            | 13.3 tons          |
| <b>Miles traveled per vehicle:</b> 10,573 mi<br><b>Average vehicle fuel economy:</b> 18 MPG<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Car<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No                        |               |                       |                    |              |                      |                    |
| <b>Total:</b>   |               |                       | <b>3,221</b>       |              | <b>2,365,544 gal</b> | <b>14,698 tons</b> |

## Electric, Hybrid & Plug-in Vehicles

| Fleet/Station Name | Vehicle Class | Fuel | Number of Vehicles | GGE Reduced | GHG Reduced |
|--------------------|---------------|------|--------------------|-------------|-------------|
| Bexar County       | Heavy-Duty    | HEV  | 3                  | 142 gal     | 1.7 tons    |

| Fleet/Station Name  | Vehicle Class | Fuel     | Number of Vehicles | GGE Reduced | GHG Reduced |
|---|---------------|----------|--------------------|-------------|-------------|
| <b>Average vehicle fuel economy: 15 MPG</b><br><b>Miles traveled per vehicle per year: 3,000 mi</b><br><b>Market: Government - Local</b><br><b>Vehicle type: Truck: No Trailer</b><br><b>Percentage from coalition: 20%</b><br><b>National Clean Fleets Partnership: No</b><br><b>Workplace Charging Challenge: -</b><br><b>Energy Efficient Mobility Systems Partnership: No</b> |               |          |                    |             |             |
| Bexar County  | Light-Duty    | HEV      | 7                  | 380 gal     | 4.5 tons    |
| <b>Average vehicle fuel economy: 33 MPG</b><br><b>Miles traveled per vehicle per year: 10,000 mi</b><br><b>Market: Government - Local</b><br><b>Vehicle type: Pickup/SUV/Van</b><br><b>Percentage from coalition: 20%</b><br><b>National Clean Fleets Partnership: No</b><br><b>Workplace Charging Challenge: -</b><br><b>Energy Efficient Mobility Systems Partnership: No</b>   |               |          |                    |             |             |
| Bexar County  | Light-Duty    | HEV      | 4                  | 208 gal     | 2.5 tons    |
| <b>Average vehicle fuel economy: 55 MPG</b><br><b>Miles traveled per vehicle per year: 11,048 mi</b><br><b>Market: Government - Local</b><br><b>Vehicle type: Car</b><br><b>Percentage from coalition: 20%</b><br><b>National Clean Fleets Partnership: No</b><br><b>Workplace Charging Challenge: -</b><br><b>Energy Efficient Mobility Systems Partnership: No</b>              |               |          |                    |             |             |
| City of San Antonio   | Light-Duty    | HEV      | 15                 | 668 gal     | 7.9 tons    |
| <b>Average vehicle fuel economy: 30 MPG</b><br><b>Miles traveled per vehicle per year: 9,227 mi</b><br><b>Market: Government - Local</b><br><b>Vehicle type: Pickup/SUV/Van</b><br><b>Percentage from coalition: 20%</b><br><b>National Clean Fleets Partnership: No</b><br><b>Workplace Charging Challenge: -</b><br><b>Energy Efficient Mobility Systems Partnership: No</b>    |               |          |                    |             |             |
| City of San Antonio   | Light-Duty    | HEV      | 444                | 19,645 gal  | 232.1 tons  |
| <b>Average vehicle fuel economy: 55 MPG</b><br><b>Miles traveled per vehicle per year: 9,420 mi</b><br><b>Market: Government - Local</b><br><b>Vehicle type: Car</b><br><b>Percentage from coalition: 20%</b><br><b>National Clean Fleets Partnership: No</b><br><b>Workplace Charging Challenge: -</b><br><b>Energy Efficient Mobility Systems Partnership: No</b>               |               |          |                    |             |             |
| CPS Energy  | Heavy-Duty    | Electric | 2                  | 6,810 gal   | 51.1 tons   |
| <b>Average electric fuel economy: 175 kWh/100mi</b><br><b>Miles traveled per vehicle per year: 23,601 mi</b><br><b>Market: Utility</b><br><b>Vehicle type: Unknown/Other</b><br><b>Percentage from coalition: 75%</b><br><b>National Clean Fleets Partnership: No</b><br><b>Workplace Charging Challenge: -</b><br><b>Energy Efficient Mobility Systems Partnership: No</b>       |               |          |                    |             |             |
| CPS Energy  | Light-Duty    | Electric | 11                 | 5,246 gal   | 45.6 tons   |

| Fleet/Station Name  | Vehicle Class | Fuel     | Number of Vehicles | GGE Reduced | GHG Reduced |
|---|---------------|----------|--------------------|-------------|-------------|
| <b>Average electric fuel economy:</b> 36 kWh/100mi<br><b>Miles traveled per vehicle per year:</b> 11,318 mi<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |          |                    |             |             |
| CPS Energy  | Light-Duty    | HEV      | 16                 | 2,298 gal   | 27.1 tons   |
| <b>Average vehicle fuel economy:</b> 28 MPG<br><b>Miles traveled per vehicle per year:</b> 11,318 mi<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No  |               |          |                    |             |             |
| CPS Energy  | Light-Duty    | PHEV     | 45                 | 16,734 gal  | 197.7 tons  |
| <b>Average electric fuel economy:</b> 22 kWh/100mi<br><b>Average vehicle fuel economy:</b> 17 MPG<br><b>Miles traveled per vehicle per year:</b> 11,318 mi<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No  |               |          |                    |             |             |
| GSA   | Light-Duty    | Electric | 29                 | 6,584 gal   | 24.8 tons   |
| <b>Average electric fuel economy:</b> 93 kWh/100mi<br><b>Miles traveled per vehicle per year:</b> 5,388 mi<br><b>Market:</b> General/Unknown<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><br><i>When specific fuel economy information was not given, we used fueleconomy.gov (recommended by Clean Cities submission box) to find information for comparable vehicles. We used the power sort feature to search for vehicles that matched the information provided by stakeholders. When no year was given, we limited our search to the year the vehicle was deployed. We calculated the average fuel economy from the highest and lowest vehicles yielded from the search and rounded to the nearest whole number. In cases where the website did not provide examples of relevant vehicles, we provided a vehicle example externally or used the default fuel information.</i> |               |          |                    |             |             |
| HEB Grocery   | Heavy-Duty    | Electric | 2                  | 3,458 gal   | 24.0 tons   |
| <b>Electricity used:</b> 44,358 kWh<br><b>Market:</b> Corporate Fleet<br><b>Vehicle type:</b> Truck: Semi-trailer<br><b>Percentage from coalition:</b> 80%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No  |               |          |                    |             |             |
| San Antonio Missions NPS  | Light-Duty    | Electric | 1                  | 59 gal      | 0.6 tons    |

| Fleet/Station Name  | Vehicle Class | Fuel     | Number of Vehicles | GGE Reduced | GHG Reduced |
|---|---------------|----------|--------------------|-------------|-------------|
| <b>Average electric fuel economy:</b> 11 kWh/100mi<br><b>Miles traveled per vehicle per year:</b> 1,765 mi<br><b>Market:</b> Government - Federal<br><b>Vehicle type:</b> Low-Speed/Neighborhood<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><br><i>When specific fuel economy information was not given, we used fueleconomy.gov (recommended by Clean Cities submission box) to find information for comparable vehicles. We used the power sort feature to search for vehicles that matched the information provided by stakeholders. When no year was given, we limited our search to the year the vehicle was deployed. We calculated the average fuel economy from the highest and lowest vehicles yielded from the search and rounded to the nearest whole number. In cases where the website did not provide examples of relevant vehicles, we provided a vehicle example externally or used the default fuel information.</i>                        |               |          |                    |             |             |
| San Antonio Missions NPS  | Light-Duty    | HEV      | 1                  | 194 gal     | 2.3 tons    |
| <b>Average vehicle fuel economy:</b> 30 MPG<br><b>Miles traveled per vehicle per year:</b> 11,318 mi<br><b>Market:</b> National Parks<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><br><i>When specific fuel economy information was not given, we used fueleconomy.gov (recommended by Clean Cities submission box) to find information for comparable vehicles. We used the power sort feature to search for vehicles that matched the information provided by stakeholders. When no year was given, we limited our search to the year the vehicle was deployed. We calculated the average fuel economy from the highest and lowest vehicles yielded from the search and rounded to the nearest whole number. In cases where the website did not provide examples of relevant vehicles, we provided a vehicle example externally or used the default fuel information.</i>  |               |          |                    |             |             |
| San Antonio Missions NPS  | Light-Duty    | HEV      | 2                  | 388 gal     | 4.6 tons    |
| <b>Average vehicle fuel economy:</b> 30 MPG<br><b>Miles traveled per vehicle per year:</b> 11,318 mi<br><b>Market:</b> National Parks<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><br><i>When specific fuel economy information was not given, we used fueleconomy.gov (recommended by Clean Cities submission box) to find information for comparable vehicles. We used the power sort feature to search for vehicles that matched the information provided by stakeholders. When no year was given, we limited our search to the year the vehicle was deployed. We calculated the average fuel economy from the highest and lowest vehicles yielded from the search and rounded to the nearest whole number. In cases where the website did not provide examples of relevant vehicles, we provided a vehicle example externally or used the default fuel information.</i>  |               |          |                    |             |             |
| San Antonio Missions NPS  | Light-Duty    | PHEV     | 1                  | 190 gal     | 2.2 tons    |
| <b>Average electric fuel economy:</b> 28 kWh/100mi<br><b>Average vehicle fuel economy:</b> 50 MPG<br><b>Miles traveled per vehicle per year:</b> 10,573 mi<br><b>Market:</b> National Parks<br><b>Vehicle type:</b> Car<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><br><i>When specific fuel economy information was not given, we used fueleconomy.gov (recommended by Clean Cities submission box) to find information for comparable vehicles. We used the power sort feature to search for vehicles that matched the information provided by stakeholders. When no year was given, we limited our search to the year the vehicle was deployed. We calculated the average fuel economy from the highest and lowest vehicles yielded from the search and rounded to the nearest whole number. In cases where the website did not provide examples of relevant vehicles, we provided a vehicle example externally or used the default fuel information.</i> |               |          |                    |             |             |
| SAWS  | Heavy-Duty    | Electric | 15                 | 5,970 gal   | -36.7 tons  |



| Fleet/Station Name  | Vehicle Class | Fuel     | Number of Vehicles | GGE Reduced | GHG Reduced |
|---|---------------|----------|--------------------|-------------|-------------|
| <b>Average electric fuel economy:</b> 740 kWh/100mi<br><b>Miles traveled per vehicle per year:</b> 5,000 mi<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Unknown/Other<br><b>Percentage from coalition:</b> 40%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No |               |          |                    |             |             |
| SAWS  | Light-Duty    | Electric | 1                  | 156 gal     | 1.3 tons    |
| <b>Electricity used:</b> 1,558 kWh<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Car<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |          |                    |             |             |
| SAWS  | Light-Duty    | Electric | 1                  | 439 gal     | 3.6 tons    |
| <b>Electricity used:</b> 4,372 kWh<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Car<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |          |                    |             |             |
| SAWS  | Light-Duty    | Electric | 1                  | 194 gal     | 1.6 tons    |
| <b>Electricity used:</b> 1,936 kWh<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Car<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |          |                    |             |             |
| SAWS  | Light-Duty    | Electric | 1                  | 219 gal     | 1.8 tons    |
| <b>Electricity used:</b> 2,183 kWh<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Car<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |          |                    |             |             |
| SAWS  | Light-Duty    | Electric | 1                  | 108 gal     | 0.9 tons    |
| <b>Electricity used:</b> 1,075 kWh<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Car<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |          |                    |             |             |
| SAWS  | Light-Duty    | Electric | 1                  | 209 gal     | 1.7 tons    |
| <b>Electricity used:</b> 2,080 kWh<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Car<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |          |                    |             |             |
| SAWS  | Light-Duty    | Electric | 1                  | 124 gal     | 1.0 tons    |



| Fleet/Station Name  | Vehicle Class | Fuel     | Number of Vehicles | GGE Reduced | GHG Reduced  |
|---|---------------|----------|--------------------|-------------|--------------|
| <b>Electricity used:</b> 1,232 kWh<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No  |               |          |                    |             |              |
| SAWS  | Light-Duty    | Electric | 1                  | 615 gal     | 5.0 tons     |
| <b>Electricity used:</b> 4,598 kWh<br><b>Market:</b> Utility<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 100%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |          |                    |             |              |
| SAWS  | Light-Duty    | HEV      | 31                 | 4,199 gal   | 49.6 tons    |
| <b>Average vehicle fuel economy:</b> 35 MPG<br><b>Miles traveled per vehicle per year:</b> 11,718 mi<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 40%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |          |                    |             |              |
| Texas Department of Transportation  | Light-Duty    | HEV      | 1                  | 10 gal      | 0.1 tons     |
| <b>Average vehicle fuel economy:</b> 28 MPG<br><b>Miles traveled per vehicle per year:</b> 1,600 mi<br><b>Market:</b> Government - State<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 30%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><i>Average fuel economy comes from FuelEconomy.gov</i>  |               |          |                    |             |              |
| UTSA Fleet  | Light-Duty    | Electric | 1                  | 325 gal     | 2.7 tons     |
| <b>Average electric fuel economy:</b> 30 kWh/100mi<br><b>Miles traveled per vehicle per year:</b> 10,573 mi<br><b>Market:</b> General/Unknown<br><b>Vehicle type:</b> Car<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><i>When specific fuel economy information was not given, we used fueleconomy.gov (recommended by Clean Cities submission box) to find information for comparable vehicles. We used the power sort feature to search for vehicles that matched the information provided by stakeholders. When no year was given, we limited our search to the year the vehicle was deployed. We calculated the average fuel economy from the highest and lowest vehicles yielded from the search and rounded to the nearest whole number. In cases where the website did not provide examples of relevant vehicles, we provided a vehicle example externally or used the default fuel information.</i> |               |          |                    |             |              |
| UTSA Fleet  | Light-Duty    | HEV      | 3                  | 434 gal     | 5.1 tons     |
| <b>Average vehicle fuel economy:</b> 44 MPG<br><b>Miles traveled per vehicle per year:</b> 10,573 mi<br><b>Market:</b> General/Unknown<br><b>Vehicle type:</b> Car<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No   |               |          |                    |             |              |
| VIA Metropolitan Transit  | Heavy-Duty    | Electric | 8                  | 222,019 gal | 1,248.1 tons |

| Fleet/Station Name  | Vehicle Class | Fuel | Number of Vehicles | GGE Reduced        | GHG Reduced       |
|---|---------------|------|--------------------|--------------------|-------------------|
| <b>Electricity used:</b> 3,842,686 kWh<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Bus: Transit<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Workplace Charging Challenge:</b> -<br><b>Energy Efficient Mobility Systems Partnership:</b> No |               |      |                    |                    |                   |
| <b>Total:</b>   |               |      | <b>650</b>         | <b>298,026 gal</b> | <b>1,915 tons</b> |

## Off-Road Vehicles

| Fleet Name  | Application                    | Method                       | Fuel     | Number of Vehicles | GGE Reduced      | GHG Reduced    |
|---|--------------------------------|------------------------------|----------|--------------------|------------------|----------------|
| HEB Grocery   | Other                          | Alternative fuel or vehicles | LNG      | 2                  | 2,772 gal        | 20.2 tons      |
| <b>Fuel used:</b> 6,120 gal<br><b>Percentage from coalition:</b> 80%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No                                      |                                |                              |          |                    |                  |                |
| San Antonio Missions National Historical Park   | Landscaping and lawn equipment | Alternative fuel or vehicles | Propane  | 4                  | 29 gal           | 0.0 tons       |
| <b>Fuel used:</b> 190 gal<br><b>Percentage from coalition:</b> 20%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No  |                                |                              |          |                    |                  |                |
| San Antonio Missions National Historical Park   | Forklifts                      | Alternative fuel or vehicles | Propane  | 1                  | 1 gal            | 0.0 tons       |
| <b>Fuel used:</b> 8 gal<br><b>Percentage from coalition:</b> 20%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No  |                                |                              |          |                    |                  |                |
| Texas Department of Transportation  | Forklifts                      | Alternative fuel or vehicles | Electric | 9                  | 69 gal           | 0.5 tons       |
| <b>Brake horsepower-hours used:</b> 3,059 brake horsepower-hours<br><b>Percentage from coalition:</b> 30%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No |                                |                              |          |                    |                  |                |
| <b>Total:</b>   |                                |                              |          | <b>16</b>          | <b>2,871 gal</b> | <b>21 tons</b> |

## FUEL ECONOMY

### Fuel Economy Improvements

| Fleet Name   | Previous Fuel | Current Fuel | Number of Vehicles | Miles Traveled per Vehicle | GGE Reduced | GHG Reduced |
|--|---------------|--------------|--------------------|----------------------------|-------------|-------------|
| GSA  | 28 MPG        | 36 MPG       | 115                | 8,475 mi                   | 4,873 gal   | 57.6 tons   |
| <b>Method:</b> Vehicle - More efficient<br><b>Vehicle class:</b> Light-Duty<br><b>Market:</b> General/Unknown<br><b>Vehicle type:</b> Car<br><b>Percentage from coalition:</b> 63%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No |               |              |                    |                            |             |             |
| HEB, LP  | 8 MPG         | 8 MPG        | 4                  | 30,000 mi                  | 249 gal     | 3.0 tons    |

| Fleet Name   | Previous Fuel | Current Fuel | Number of Vehicles | Miles Traveled per Vehicle | GGE Reduced       | GHG Reduced     |
|--|---------------|--------------|--------------------|----------------------------|-------------------|-----------------|
| <b>Method:</b> Driver training<br><b>Vehicle class:</b> Heavy-Duty<br><b>Market:</b> Corporate Fleet<br><b>Vehicle type:</b> Truck: No Trailer<br><b>Percentage from coalition:</b> 83%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No        |               |              |                    |                            |                   |                 |
| San Antonio ISD  | 4 MPG         | 6 MPG        | 260                | 10,000 mi                  | 57,515 gal        | 686.1 tons      |
| <b>Method:</b> Telematics<br><b>Vehicle class:</b> Heavy-Duty<br><b>Market:</b> Government - Local<br><b>Vehicle type:</b> Bus: School<br><b>Percentage from coalition:</b> 23%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No                |               |              |                    |                            |                   |                 |
| San Antonio Missions NPS   | 19 MPG        | 37 MPG       | 1                  | 5,500 mi                   | 106 gal           | 1.2 tons        |
| <b>Method:</b> Vehicle - Hydraulic hybrid<br><b>Vehicle class:</b> Light-Duty<br><b>Market:</b> National Parks<br><b>Vehicle type:</b> Pickup/SUV/Van<br><b>Percentage from coalition:</b> 75%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No |               |              |                    |                            |                   |                 |
| <b>Total:</b>  |               |              | <b>380</b>         | <b>53,975 mi</b>           | <b>62,742 gal</b> | <b>748 tons</b> |

## Vehicle Miles Traveled Reductions

| Project Name   | Method | Vehicle Class | GGE Reduced       | GHG Reduced     |
|--|--------|---------------|-------------------|-----------------|
| Commute Solutions (AACOG) - All Modes  | Other  | Light-Duty    | 25,571 gal        | 302.1 tons      |
| <b>Fuel type of vehicles driven less:</b> Gasoline<br><b>Fuel economy of vehicles driven less:</b> 20 MPG<br><b>Number of vehicles driven less:</b> 3,206<br><b>VMT project per vehicle being driven less:</b> 378 mi<br><b>Percentage from coalition:</b> 43%<br><b>National Clean Fleets Partnership:</b> No<br><b>Energy Efficient Mobility Systems Partnership:</b> No<br><i>Fuel economy given is an average of light duty car and light duty truck</i> |        |               |                   |                 |
| <b>Total:</b>  |        |               | <b>25,571 gal</b> | <b>302 tons</b> |

## FUEL STATIONS

### New Stations

| Fuel                                     | Public Stations | Private Stations |
|--|-----------------|------------------|
| Biodiesel                                | -               | -                |
| CNG - Compressed Natural Gas             | -               | -                |
| E85 - 85% Ethanol                        | -               | -                |
| EVSE Ports (Chargers): Level 1 & Level 2 | 4               | 16               |
| EVSE Ports (Chargers): DC Fast Chargers  | -               | 4                |
| Hydrogen                                 | -               | -                |
| LNG - Liquefied Natural Gas              | -               | -                |
| Propane                                  | -               | -                |

| Fuel   | Public Stations | Private Stations |
|--------|-----------------|------------------|
| Total: | 4               | 20               |