

HOUSTON-GALVESTON
CLEAN CITIES COALITION
Q2 2024 STAKEHOLDERS MEETING

June 18, 2024

Q2 Stakeholders Meeting

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Agenda

1. Introductions – Vincent Sanders, METRO / HGCCC Chair
 1. Word from our Host – Cypress – Fairbanks ISD
2. Annual Report Results – J. Ben Finley, HGCCC
3. Updates on Advisory Board and Subcommittees – J. Ben Finley, HGCCC
 1. Stakeholder Meeting
 2. Annual Survey
 3. Grants
 4. Events / Expo
4. Current Grant Funding Announcements and Updates – J. Ben Finley, HGCCC
5. Presentation:
 1. Success Story: Cypress – Fairbanks ISD – Bobby Williams, Fleet Manager
6. Announcements:
 1. TAPC Convention – June 23
 2. Hydrogen Technology Expo – June 26-27
 3. Texas Clean Cities Coalition Webinar: Grants for ISDs – July 17
7. Adjourn meeting
8. Ride and Drive Event

ANNUAL REPORT RESULTS

(AKA ANNUAL SURVEY)

J. Ben Finley, HGCCC

Review of Purpose

- Obligation to Department of Energy (DOE)
- Documents regional efforts of transitioning fleets towards alternative fuels
- Calculates reductions in:
 - ▣ Gallons of Gasoline Equivalent (GGE)
 - ▣ Greenhouse Gas (GHG)
- Helps the region to chart trends and plan for the future
 - ▣ Helps to accurately plan for future funding opportunities (grants)

Comparisons (2022 vs. 2023)

	2022	2023	Difference
Entry Form	Online	Excel and E-Mail	
Responses	25	38	+13
Projects	188	271	+83
Reductions			
GGE	11,401,645	17,475,718	+ 6,074,073
GHG (tons)	55,923	57,659	+ 1,736
VMT (Vehicles Driven Less)	913	10,708	+ 9,795
Off Road (# of Vehicles)	69	212	+ 143
Idle Reduction	5,765	11,862	+ 6,097
Fuel Economy (# of Vehicles)	2,084	2,108	+ 24
EV and Plug In (Hybrids) (# of Vehicles)	10,808	1,850	- 8,958
Alt Fuel Vehicles (# of Vehicles)	4,877	4,256	- 621

Comparisons (2022 vs. 2023)

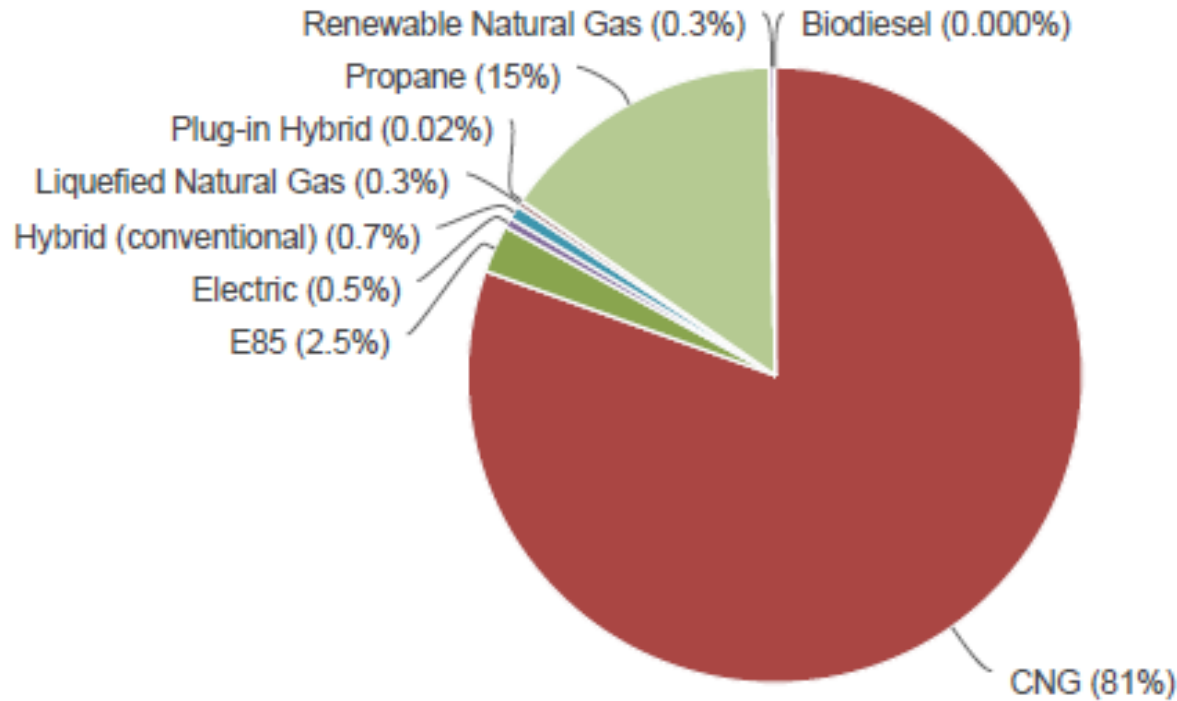
GGE	2022	2023	Difference
VMT	610,635	2,548,565	+ 1,937,930
Off Road	144,448	128,798	- 15,650
Idle Redux	1,544,290	599,343	-944,947
Hybrid	790,290	103,451	- 686,839
Fuel Economy	244,823	163,074	- 81,749
EV and Plug In	51,882	177,689	+ 125,807
Alternative Fuel Vehicles	8,015,279	13,858,248	+ 5,842,969

Comparisons (2022 vs. 2023)

GHG	2022	2023	Difference
VMT	7,253.6	30,112.8	+ 22,859.2
Off Road	1,705.3	1,080.8	-624.5
Idle Redux	18,354.5	7,106.6	-17,637.9
Hybrid	9,301.0	1,217.2	-8,083.8
Fuel Economy	2,902.7	1,933.0	- 969.7
EV and Plug In	288.2	1,348.5	+ 1,060.3
Alternative Fuel Vehicles	7,253.6	16,077.8	+ 8,824.2

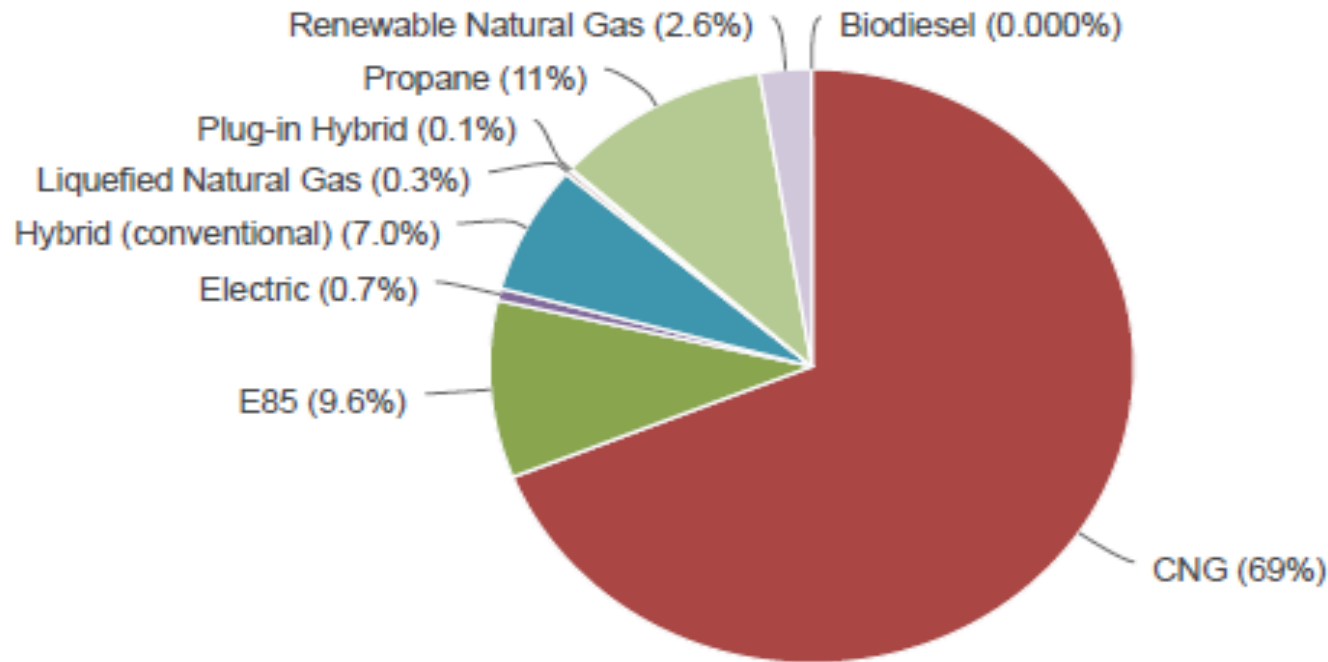
Gallons of Gasoline Equivalent (GGE) of Fuel Type

2023 Gallons of Gasoline Equivalent Reduced by Fuel Type for Alternative Fuel Projects
14,072,969 gallons



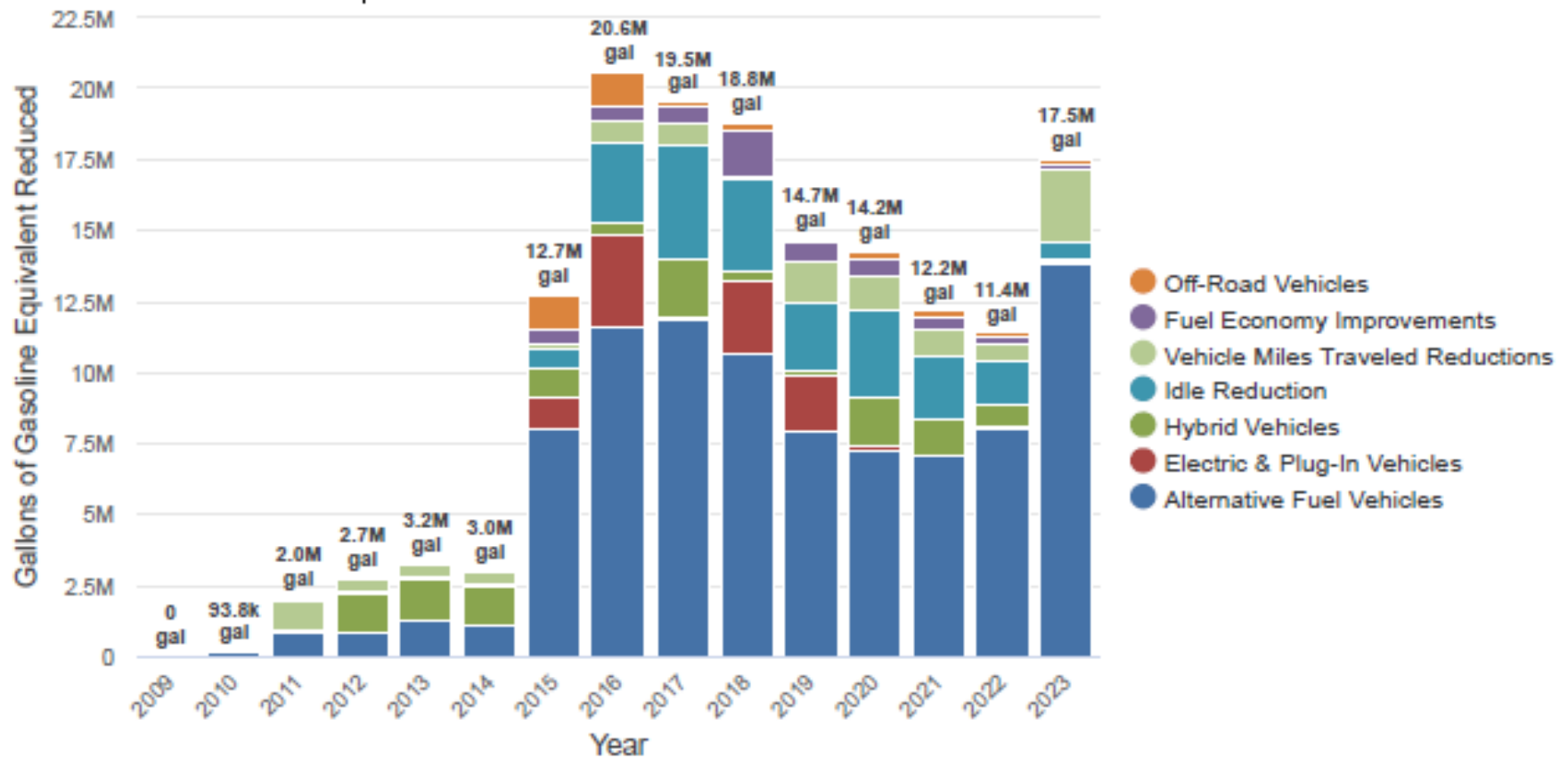
Greenhouse Gas (GHG) Emissions of Fuel Type

2023 Greenhouse Gas Emissions Reduced by Fuel Type for Alternative Fuel Projects
17,416 tons



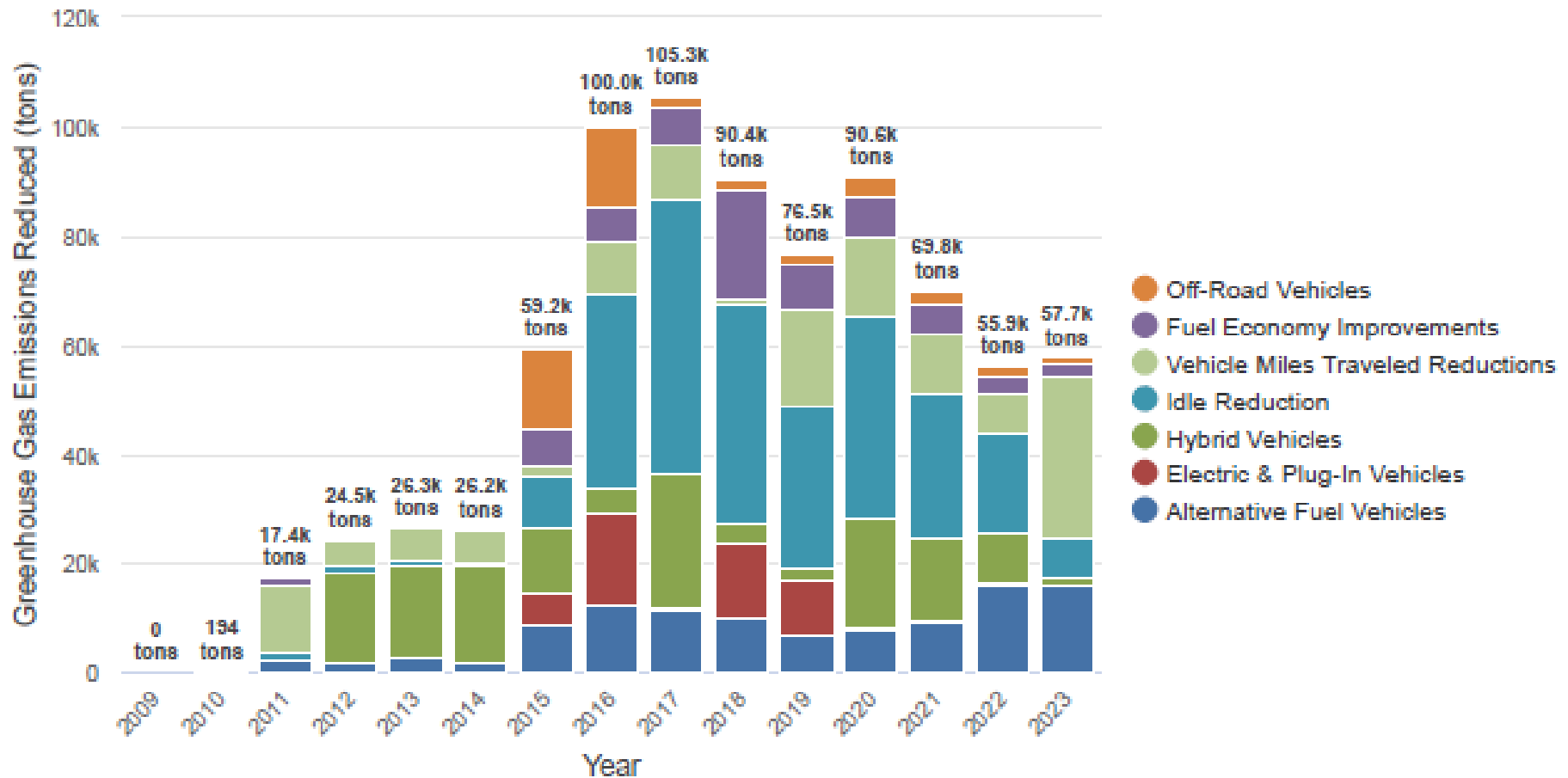
History of Gallons of Gasoline Equivalent (GGE) Saved

Historical Gallons of Gasoline Equivalent Reduced



History of Greenhouse Gas (GHG) Emission Saved

Historical Greenhouse Gas Emissions Reduced



Ben's Thoughts for Next Year

- Maintain connections with CNG providers!

- Emphasis on submittals
 - Everyone
 - Emphasis on
 - EV sector
 - Organizations that “fell off”
 - Stakeholders

- Maintain emphasis on telework and idle reduction policies
 - Add emphasis on fuel economy improvements

- Additional Strategies to Consider
 - Tap more advocacy organizations / leaders in other fuel sectors
 - Restructure grant application partnerships to include mandatory reporting

Comments / Questions / Suggestions

UPDATES ON ADVISORY BOARD AND SUBCOMMITTEES

J. Ben Finley, *HGCCC*

Stakeholder Subcommittee

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Stakeholder Subcommittee

- Continue with “offsite” meetings
 - Potential venue is Roadrunner facility
 - Still could use more venues to create a list
 - Needs to have internet capabilities
- Potential theme: Medium and Heavy-Duty Vehicle Electrification
- Seeking lunch sponsor
- Date is “around” September 16/ September 20

Annual Survey

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Annual Survey

- See previous presentation

Grants

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Grants

- The second Texas Clean Cities Coalitions will focus the quarter 2 webinar on Statewide funding opportunities for school buses. (July 17)

Events and Expo

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RIDE AND DRIVE EVENT DIRECTLY AFTER THIS MEETING!!!

GRANT OPPORTUNITIES PRESENTATION

J. Ben Finley, Houston Clean Cities Co-Director

Vehicle Purchase, Lease, Replace, and Repower

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Agency	Name	Might Be Good For	Close Date	Link
Environmental Protection Agency	Clean Heavy-Duty Vehicles Program	Local Governments and ISDs	7/25/24	Clean Heavy-Duty Vehicles Program
	Clean Ports Program	Ports and Port Authorities	9/30/2027	Clean Ports Program
Texas Commission on Environmental Affairs	Texas Emission Reduction Program (TERP): Rebate Grants Program	Open to the public, corporations, organizations, government entities, partnerships, and associations	7/29/24	TERP: Rebate Grants
	TERP: Texas Clean School Bus Program	School Districts, Private Schools	10/14/24	TERP: SPRY
	TERP: Seaport and Rail Yard Areas Emission Reduction Program (SPRY)	Ports, seaports, rail yards	3/4/25	TERP: THIVE

Infrastructure

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Agency	Name	Might Be Good For	Close Date	Link
Department of Transportation	FY 2024 Natural Gas Distribution Infrastructure Safety and Modernization Grant	Nonprofits and Local Governments	6/20/24	693JK324NF0013
Department of Agriculture	Higher Blends Infrastructure Incentive Program	Individuals, government entities, schools districts, nonprofits, small businesses, and private schools	9/30/24	HBIIIP

Research and Development

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Agency	Name	Might Be Good For	Close Date	Link
Department of Transportation	Accelerated Innovation Deployment (AID)	MPOs and Local Governments	5/26/26	693JK324NF0013

Texas Volkswagen Environmental Mitigation Program

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The [All-Electric Program](#) funded by the Volkswagen Settlement is open.

Eligible projects include replacements of:

- Class 8 freight or port drayage trucks
- Class 4-8 school bus, shuttles, and transit buses
- Class 4-7 freight trucks
- Airport Ground Support Equipment
- Forklifts and Port Cargo Handling Equipment
- Refueling Infrastructure

Bipartisan Infrastructure Law (BIL)

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Numerous other grants for alternative fuel projects including a focus on electric powered vehicles and infrastructure from the Bipartisan Infrastructure Law (BIL), or BIL.

For a list of funding opportunities, please visit the [BIL website](#).

SUCCESS STORY: CYPRESS-FAIRBANKS ISD

Bobby Williams, Fleet Manager, Cypress – Fairbanks
ISD

ANNOUNCEMENTS OF CURRENT & UPCOMING ACTIVITIES

Open Forum

Upcoming Events

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- School Bus Ride and Drive Event (Today)
- TAPC Convention (June 23)
- Hydrogen Technology Expo (June 26-27)
- Texas Clean Cities Coalition Webinar: Grants for ISDs (July 17)
- FleetCon 2024: Over the Horizon (Sep. 16-18)
 - GALVESTON, TX!
- Other

- Next Stakeholder Meeting (TBD) {September 16 / May 20}

Please visit our website:
Houston-Cleancities.org

Thank You!

Other Announcements