



Capital District Clean Communities December 2021 Stakeholder Meeting

December 16, 2021



Meeting Agenda

1. Welcome and Introductions
2. Feature Presentation: New York State Truck Voucher Incentive Program Update – Elizabeth Markham, NYSERDA
3. Capital District Clean Communities 2021 Contract Updates
4. 2021 Clean Communities Annual Reporting
5. Other Alternative Fuel Updates
6. News Around the Table / Station Updates

COVID-19 Update

- CDTC Office is open 5 days/week
- Staff is in 4 days/week on shift schedule
- Staff can now be reached more easily via the office phone number
- Visitors are allowed at CDTC with an appointment and must wear masks
- Meetings continue to be *mostly* virtual; Planning Committee & Policy Board is “hybrid”
- Staff continues to follow local & state public health guidelines

New York State Truck Voucher Incentive Program Update

Elizabeth Markham - NYSERDA



CDCC Updates

2021 Contract Tasks

1. Alternative Fuel Stakeholder Listening Sessions
2. Fuel / Technology Outreach & Education Events
3. Targeted Fleet Coaching & Technical Assistance
4. Training & Education



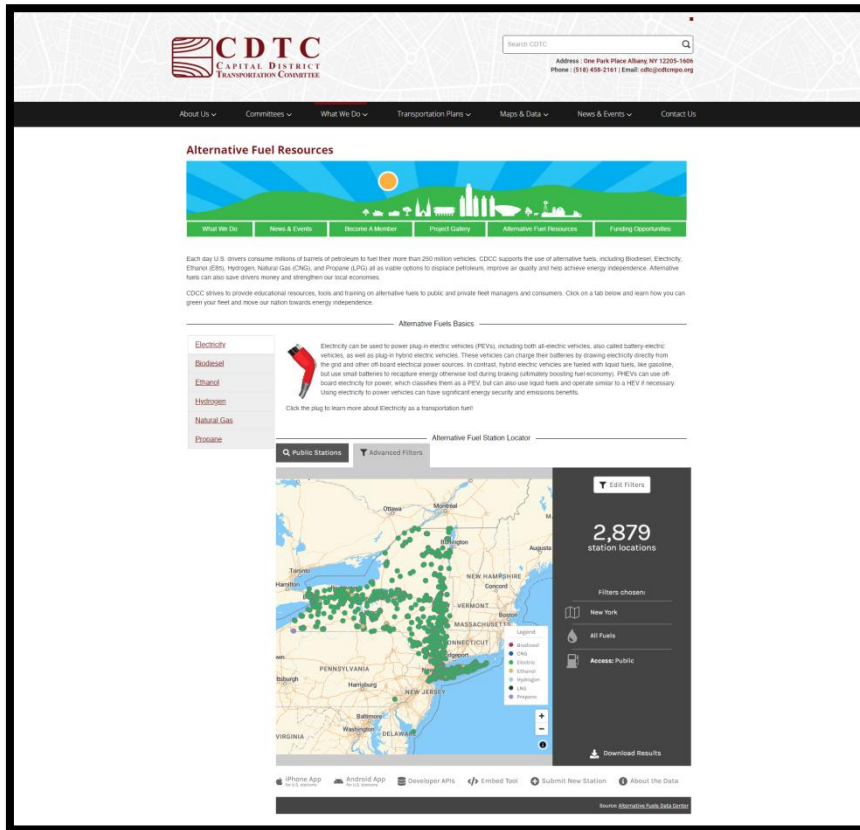
Alternative Fuel Stakeholder Listening Sessions

1. Electric Yard Trucks
2. Propane School Bus Fleets



Fuel / Technology Outreach & Education Events

1. Newsletter, Website and Social Media Update
2. Dealership EV Ride & Drive Series



Targeted Fleet Coaching & Technical Assistance

1. Town of Bethlehem EV Fleet Feasibility Study

- Developed database of over 350 Town owned vehicles
 - Identified vehicle duty type, fuel type, and current available EV alternatives
 - Met with Town Staff to determine subset of fleet that would be evaluated further
- Town indicated that the fleets located at their Town Hall location should be evaluated further
- The AFLEET tool was used to develop a Total Cost of Ownership analysis for the Police, Code Enforcement, Engineering, and Senior Services Department fleets

Targeted Fleet Coaching & Technical Assistance

	Gasoline	EV		
	2021 Chevy Equinox AWD	2022 Chevy Bolt EV	2022 Ford Mach E AWD	2022 Hyundai Kona AWD (Single vehicle)
Financing	\$0	\$0	\$0	\$0
Depreciation	\$80,457	\$87,671	\$158,479	\$31,094
Fuel	\$14,737	\$5,958	\$7,295	\$2,745
Diesel Exhaust Fluid	\$0	\$0	\$0	\$0
Maintenance and Repair	\$16,761	\$10,567	\$10,567	\$4,869
Insurance	\$61,485	\$63,539	\$83,699	\$18,497
License and Registration	\$890	\$890	\$890	\$222
Total Cost of Ownership	\$174,329	\$168,625	\$260,930	\$57,428
TCO Per Vehicle (4)	\$43,582	\$42,156	\$65,233	

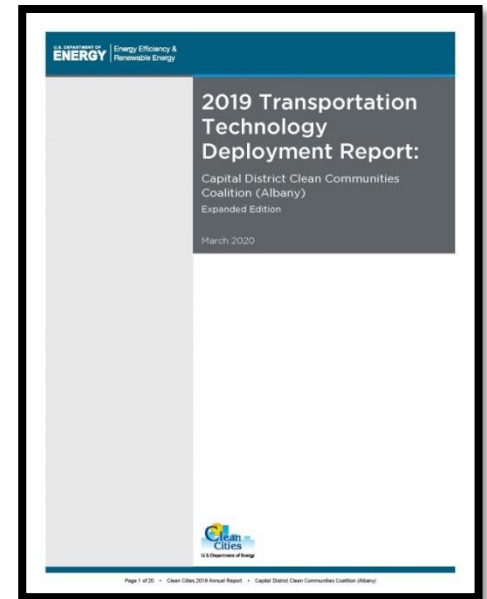
Training & Education

1. Multimodal Alternative Fuel Educational Series Pushed to 2021

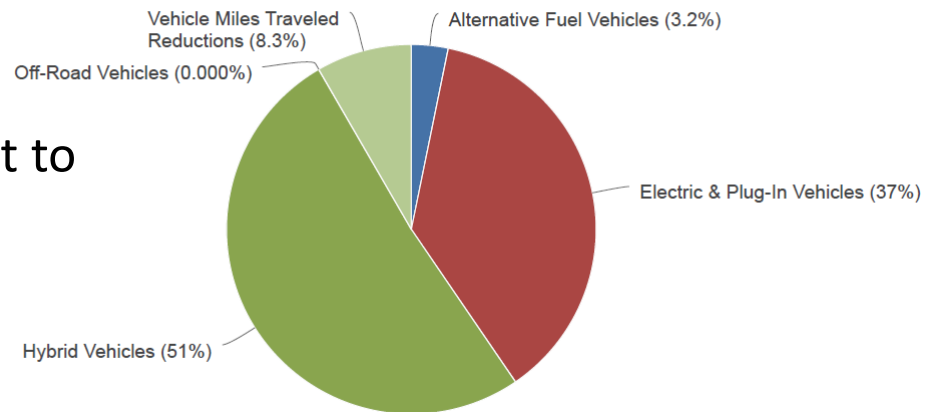


CDCC Annual Reporting

- Each year Capital District Clean Communities reports annual reductions in GHG emissions and fuel consumption to DOE for the Capital District.
- January 2022 I will begin reaching out to fleets to get updated information on alternative fuel vehicle fleets operating in the region
- The data is used by DOE to help reflect to the rest of the U.S. all the activity and initiatives happening in the Capital District.



2020 Gallons of Gasoline Equivalent Reduced
3,537,897 gallons



Other Alternative Fuel Updates

Alternative Fuels in the Bipartisan Infrastructure Law
(BIL)

White House Fact Sheet

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- ▶ The Bipartisan Infrastructure Deal will invest **\$7.5 billion** to build out the first-ever national network of EV chargers in the United States.
- ▶ A critical element in the Biden-Harris Administration's plan **to accelerate the adoption of EVs to address the climate crisis and support domestic manufacturing jobs.**
- ▶ Provide funding for deployment of EV chargers **along highway corridors to facilitate long-distance travel and within communities to provide convenient charging where people live, work, and shop.**
- ▶ Funding will have a particular focus on **rural, disadvantaged, and hard-to-reach communities.**

The Bipartisan Infrastructure Law - \$7.5B Investment

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- Sec. 11401 - Grants for Charging and Fueling Infrastructure for Corridors and Communities
 - **\$2.5B for Alternative Fuels (EV, CNG, LNG, LPG, H2)**
 - \$300,000,000 for FY2022; \$400,000,000 for FY2023; \$500,000,000 for FY2024; \$600,000,000 for FY2025; and \$700,000,000 for FY2026
- National Electric Vehicle Formula Program
 - **\$5.0B for EV Corridors**
 - \$1B/year for FY2022-2026
- Joint DOT/DOE Deployment Support Program to provide tools & technical assistance to funding recipients

Other News Around the Table?





CDCC Links We Like

- Bipartisan Infrastructure Law:
<https://www.fhwa.dot.gov/bipartisan-infrastructure-law/>
- New York State Truck Voucher Incentive Program:
<https://www.nyserda.ny.gov/All-Programs/Truck-Voucher-Program>



Thank You!

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