

Clean Cities Stakeholder Meeting

November 8, 2021

1 p.m. – 2:30 p.m.

Teams Virtual Call: [Click here to join the meeting](#)

Call in Number: 302-504-8986

Phone Conference ID: 647 924 249#

Agenda

1:00 Welcome

1:05 Climate Action Plan Release

- Thanks to all for their participation
- Released Thursday (11/4/2021)
- <https://dnrec.alpha.delaware.gov/climate-plan/>

1:10 Infrastructure Investment and Jobs Act

- Passed Friday (11/5/2021), bill totals \$1.75 investment in infrastructure and other areas
- Not to be confused with the Build Back Better Act, or the budget reconciliation bill, which is awaiting the independent Congressional Budget Office report before it's voted on. This bill would raise the EV tax credit to up to \$12,500 and remove the 200,000 vehicles sales cap for EV manufacturers, making GM and Tesla eligible for the rebate.
- Provisions directly relevant to Delaware and DNREC
 - \$7.5 billion investment in an EV charging network. This includes \$200 million focused on rural and underserved or disadvantaged communities
 - \$18 million over 5 years to support the expansion of EV charging in the state.
 - Opportunity to apply for \$2.5 billion in grant funding dedicated to EV charging. (nationwide)
 - Nationwide, there is \$2.5 billion for zero-emission buses, and another \$2.5 billion for low emission buses.
 - Other DNREC Programs
 - \$3.5 billion national investment in weatherization.
 - \$15 billion in direct funding to improve the nation's grid infrastructure and resiliency to be spent between now and FY2026
- Alternative Fuel provisions
 - The excise tax credits for [alternative fuel](#) and [alternative fuel mixture](#) are extended to December 31, 2026. They provide \$0.50 per gallon for certain alternative fuels, specified by the DOE. These include Hydrogen and CNG.
 - Alternative fuel infrastructure [tax credit](#), which provides credit of 30% of the cost, up to \$30,000 of fueling equipment for natural gas, propane, liquefied hydrogen, electricity, E85, or diesel fuel blends containing a minimum of 20% biodiesel, has been extended to December 31, 2031.
 - The tax credit for electric vehicle charging stations specifically is increased to up to \$100,000.
 - There is an additional grant program for research and development into sustainable aviation fuels.

- \$200 million provides funding assistance to build out hydrogen fueling stations in rural, underserved, or disadvantaged communities
- Underserved or disadvantaged community definition in the bill
 - A low-income community
 - A tribal community
 - Having a disproportionately low number of electric vehicle charging stations per capita, compared to similar areas
 - Disproportionately vulnerable to, or bearing disproportionate burden of, any combination of economic, social, environmental, or climate stressors

1:15 New DelDOT Division Introduction

- Jim & Stephanie Johnson
- DTC currently has 26 electric buses, just got a grant for 6 more
- Looking to install solar canopies for charging in Dover
- Green infrastructure project at Port Mahon
- Also considering a project at Woodland beach

1:25 Overview of the Medium/heavy-duty vehicle market analysis report

- Offered CVRP since 2015
- MHDV part of the program has remained virtually unchanged since 2015
- Commercialization of low zero and low emissions MHDVs presents an opportunity for changes to the program
- DE considered a bridge state. Top out of state destinations: PA, NJ, NY, GA, OH. Same states send goods into DE
- 17,327 vehicles in classes 3-8 (over 10,000 lbs)
- ~55% of total are class 3 and class 8 (delivery and then buses and refuse trucks)
- Particulate matter concentrations
- Emerging trends in low and ZEV heavy duty vehicles
- Reviewing current incentive program design
 - Outreach and stakeholder engagement
 - Program structure and considerations
 - Other considerations, i.e., combining funding sources with partners
 - Policy actions
- Proposed actions are similar to actions listed in the CAP
- MPO working on a couple of truck studies in Kent Co.
 - Central Delaware aviation complex and the garrison oak business park
 - Harrington is looking at an industrial park with a rail spur
- Question: does the current supply shortage and driver shortage impact the program?

1:40 Clean Cities Updates for Stakeholders

- Breanne will compile list of resources from Clean Cities and national labs

1:45 Coalition Member Updates Round Robin

- DE Electric Co-op (Kevin Yingling)- still working on getting chargers installed that they purchased about a year ago. Got them installed, now they're back and forth with Chargepoint to get them activated. Three dual port chargers at HQ, 2 in employee lot, 1 in visitor lot. Fleet manager looking at options for EVs for fleet replacement. Waiting for F150 lightning.

- Sharp (Mike Petito)- last 18 months or so has been difficult for alternative fuels. Lack of travel, schools closed. Biggest portion of sharps business is school buses. 700-800 school buses. No need to replace buses with schools remote last year, schools seemed to have moved replacements back a year. Expect next year to get a boost.
- Diver Chevrolet (Rich Diver)- leading GM electric vehicle seller in New Castle county. Probably going to be leading battery replacer. For now, its by priority. In process of making 250,000 EV investment. Be able to properly service consumer base. Chargers for public consumption. Get on national easy access map. Back to being competitive compared to NJ dealers. GM airing on the side of caution right now, after learning from emissions switches. Looking to / thinking about solarizing roof. DNREC recently upgraded rebate amount. SEU also has some solar funding/low interest loan program.
- Air Quality (Deanna)- VW update. State received \$9.6 m in mitigation funds. One phase 3 project completely successful. Rolling over funds total into a phase 4. Expect an RFP in January. ~\$3.4 million left for phase 4.
- Wilmapco (Randi)- Help determine the best [reconfiguration of Union Street](#) – Take a quick survey through end of Nov. Review the [Draft Churchman’s Crossing Plan Update](#) and share your thoughts by November 22, 2021. [City of New Castle Transportation Plan Council Workshop](#) – November 9, 6 p.m., [New Castle Senior Center](#). [I-95 Cap Feasibility Study Public Visioning Workshop](#) – November 17, 6-7:30 p.m., Trinity Episcopal Church, 1108 N Adams St, Wilmington, [Flyer](#). Delmarva Winter Freight Meeting – December 7, 10am-noon: [Register to attend](#)
- SEU (Athena)- started strategic planning effort for next five years. Stakeholder committee and technical advisory committee doing gap analysis. Testing out project ideas.
- Rideshare (Cathleen / Amy)- Delaware clean commute. Rick Walters (DART) retired in the spring. Courtney Devine is his replacement, make sure she’s updated. Want to make sure people are using and recording clean commuting options. Meeting next week to review plans for next year. Writing down how to get data and track progress as state agency is top employer.
- Chesapeake (Jared)- CNG terminal continues to see use, uptick since around the first of the year after last year’s reduced activity. Biogas / renewable natural gas projects underway. Project that will come online first is in Seaford. Methane pumped back into pipes for customer use. Expansion continues at Waste Management. Upgrades by May 2022.
- Nuuve (Dick Johnson)- Stonepeak investing owns 49% of the company. Has given 780 million to expand projects. Working with UD at a potential V2G hub in Delaware. Volvo and Kenworthy have been pretty aggressive, but 100 miles isn’t going to cut it. Yard tractors, waste management trucks. Lots of work in PA (Pittsburgh), NJ, Long Island, NY.
- Seawatch (Joe Myers)- continue to own and operate two NGVs, 7-9 years respectively. Seawatch was presented with a proposal to purchase a CNG tractor trailer. Delayed in ordering natural gas truck, couldn’t make big investment during covid. Thinking about anaerobic digestion facility to help further mitigate emissions.

2:30 Next meeting date and Adjourn

- Figure out a next meeting time after the winter holiday season.

Participants

1. Deanna Morozowich

2. Randy
3. Kyle Krall
4. Helen Wiles
5. Athena Bi
6. Dan bent
7. Bill Swiatek
8. Derek Whaley
9. Dick Johnson
10. Kathleen Grier
11. Joe Myers
12. Susan Love
13. Mike Petito
14. Jim pappas
15. Randi Novakoff
16. Amy Reardon
17. Jim Coverdale
18. Sean Vernon
19. Breanne Preisen
20. Rich diver
21. Jared Shelton
22. Kevin Yingling
23. Jeffrey Donovan
24. Jared Shelton