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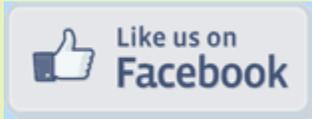
Granite State Clean Cities Coalition (GSCCC) October/November 2018 Newsletter

Hi everyone ~ Hope you are all enjoying this first blush of winter ... hard to believe it's technically still fall, but that's New England! The Clean Cities Annual Report is on the horizon and we could really use your help – did you implement and/or are you aware of any alternative fuel and/or advanced technology vehicle projects that happened during 2018 (e.g. fueling infrastructure/fleet transitions)? Let me know ... these projects are vital to our Coalition's impact, they tell the story of our collective successes. Email me at Jessica.Wilcox@des.nh.gov or call me at (603) 271-6751 – I always look forward to connecting with you! ~Jessica

*****IMPORTANT NOTE: PLEASE EMAIL ME DIRECTLY AT THIS ADDRESS: Jessica.Wilcox@des.nh.gov – DO NOT REPLY TO THIS NEWSLETTER EMAIL AS IT IS SENT THROUGH A E-NEWS SYSTEM AND DOES NOT COME TO/FROM ME*****

*****Upcoming GSCCC Stakeholder Meeting: Friday, December 21st, 2018*****

Join us Friday, December 21st from 9-11:30 AM (with networking & coffee from 8:30-9 AM), for the GSCCC Quarterly Stakeholder Meeting. We will be meeting at the New Hampshire Department of Environmental Services Coastal Offices at Pease International Tradeport – [Click this link for directions](#). On the agenda:



- Steve Pesci, Special Projects Director in the Campus Planning Office at the University of New Hampshire (UNH), will be presenting on the Electric Vehicle Infrastructure Plan that UNH adopted.
- James Penfold, Co-Founder of EV LaunchPad will be giving a Show & Tell/Q&A on selecting the right types of charging stations and features for each public application, including DC fast charging.
- PLUS, Ron Currier From Hilltop Chevy in Somersworth will be bringing a Chevy Bolt for test drives.

Please email me at Jessica.Wilcox@des.nh.gov if you are planning to attend (so that I can plan for refreshments) –
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GSCCC Stakeholders, Nashua Transit System & BAE Systems, partner for Hybrid Diesel-Electric Buses!

Have you heard the latest transit electrification news? New Hampshire's own Nashua Transit System will be replacing two diesel-powered trolleys with a pair of hybrid diesel-electric buses! Earlier this year, they pursued a competitive grant through the Federal Transit Administration (FTA). GSCCC provided a letter of support towards their application to the FTA Low or No Emission Vehicle Program. We're excited to announce that they were chosen to receive a **grant of \$1.1 million** towards their project. To top it off, they are partnering with BAE Systems, another GSCCC Stakeholder, to procure the buses. Its projects like these that allow our Clean Cities annual report to tell the story of New Hampshire's stakeholders' accomplishments.

Back in May, I attended a demo of a 2017 Gillig Electric Hybrid Transit Bus that was equipped with BAE Systems' HybriDrive Electric Propulsion System. A group of us met at Nashua Transit System where we got to hear from John Hroncich and Greg Marx of BAE Systems. They showcased a transit bus (see photo below – note this bus is similar to the one's that Nashua Transit System is getting) and answered questions, then we got to take a ride through downtown Nashua and experience the bus's zero emissions electric range drive ... so quiet and smooth!



It's great to see where this experience has led. The two hybrid vehicles, which are expected to arrive in late 2019/early 2020, will be joining Nashua Transit System's fleet of transit buses that run on compressed natural gas. Diversification is a key element of fleet sustainability and efficiency, and opportunities to ride in or drive alternative fuel and advanced technology vehicles firsthand can be the catalyst in finding the right fit for the technology. With that in mind, we will have an all-electric Chevy Bolt available for test drives at the December 21st GSCCC Stakeholder meeting ... it's not a bus, but its power will surprise you!

GSCCC Stakeholder News:

[Clean Energy Launches Zero Now Financing to Put Fleets in Clean New Natural Gas Trucks for the Price of a Diesel Truck](#)

[Liberty Utilities Proposes Turning Bethlehem Landfill Methane into Natural Gas](#)

Alternative Fuel Spotlight: "New Case Studies - Propane Autogas School Buses"

Todd Mouw, Vice President of sales and marketing for ROUSH CleanTech, recently shared the following article:

"We've recently developed four new case studies about school districts operating propane autogas buses. Download them and share in your newsletters, on social media and with customers to show the differentiators of propane buses from the school districts' perspectives. You can find them all at

<http://www.roushcleantech.com/downloads/>.

Here's an overview of each of the case studies.

The Total Cost of Ownership for Propane School Buses

School transportation departments across the nation must work within tight budgets and evaluate bus choices based on total ownership costs. About 850 school districts across the U.S. and Canada operate Blue Bird propane school buses. Districts discuss how whether it's for a few dozen or a couple hundred, propane school buses make financial sense.

Download case study [here](#).

Propane School Buses Reduce Transportation Department Maintenance Costs

As district transportation departments across the nation work within tight budgets, many turn to buses operating on alternative fuels. School buses fueled by propane autogas have an incremental cost of about \$8,000 more than diesel. Testimonials from four school district transportation directors demonstrate that this incremental cost is quickly recouped through lower maintenance expenses.

Download case study [here](#).

Propane School Buses Perform Economically in Below Zero Temperatures

Cold weather should not be an operational barrier when it comes to school bus transportation. The Blue Bird Vision Propane school bus equipped with a ROUSH CleanTech fuel system alleviates cold-weather start problems with its propane technology. Testimonials from school district transportation directors demonstrate that, in cold-weather conditions, buses fueled by propane autogas start and operate better than their diesel-fueled counterparts, where the fuel may gel at extremely cold temperatures.

Download case study [here](#).

Texas School District Operates Propane School Buses for Over a Decade

Over the past 10 years, Leander ISD near Austin, Texas, integrated propane school buses into its fleet to its current number of 117. About 30 percent of the total fleet runs on propane autogas, with a plan to convert to 60 percent in the next five years. The school district's 24 newest Blue Bird Vision Propane buses are equipped with ROUSH CleanTech's ultra-low NOx engines.

Download case study [here](#). "

You might also be interested in ...

[**5 Steps to Improving Biodiesel Performance in Cold Weather**](#)

[**Hydrogen Fuel Cell Future is Promising for Heavy-Duty Trucks**](#)

[**Picking the Right Fuel for Your Fleet**](#)

The Truth About NatGas Tractors

Social Media Appeal: Please help us to grow our following and, BONUS, you get to stay connected to the Granite State Clean Cities Coalition (GSCCC) ... visit our **Facebook page** and click the link to "LIKE" us and get into the alt fuel/advanced tech vehicle loop! Also, the New Hampshire Department of Environmental Services (NHDES), which houses GSCCC, is now on **Facebook**.

Please take a moment to check out and "LIKE" both of our pages. We post information about events, trainings, workshops, publications, and more. You can also follow GSCCC & NHDES on Twitter (**@GS Clean Cities** and **@NHDES**) and **YouTube**. If you have any questions or suggestions for content, please contact GSCCC at **jessica.wilcox@des.nh.gov** or NHDES at **socialmedia@des.nh.gov**.

Thank you for reading! If there's something you'd like to see, say or share about current or future newsletters, drop me a line: Jessica.Wilcox@des.nh.gov

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