Hi everyone ~ Happy Fall!

As the leaves change color and the air gets cooler, my thoughts turn to fall foliage trips and apple pie festivals. Hope you are all enjoying the sights and tastes of our region from the seats of your alternative fuel powered vehicles.

Happy motoring! ~Jessica

***Funding Application Assistance***

On behalf of the Coalition, I’m here to help answer any questions (technical or otherwise), assist with fleet evaluation and project planning, and provide support for your applications. Please let me know what you need ... if I can’t help, I can connect you with someone who can!
For Federal & State Incentives, Laws and Programs visit the Alternative Fuel Data Center: Search Link

2019 DERA School Bus Rebates Program - NOW OPEN

EPA announced the availability of approximately $10 million in rebates to public school bus fleet owners to help them replace older school buses. EPA will accept applications from Sept. 30 to Oct. 30. To learn more visit: School Bus Rebates. Questions about applying may be directed to: CleanDiesel@epa.gov.

NASHUA TRANSIT SYSTEM CELEBRATES NEW HYBRID DIESEL-ELECTRIC BUSES

On Thursday October 3rd, BAE Systems will host a ribbon cutting ceremony to celebrate Nashua Transit System’s (NTS) two new hybrid diesel-electric transit buses. Through a partnership with BAE Systems, NTS was awarded a $1.1
million Federal Transit Administration Low-No Emissions Grant, to purchase the buses.

Curious to know more about this project? Click on the links below:

- Nashua Transit System and BAE Systems Partner to Bring Hybrid Diesel-Electric Transit Buses to the Streets of New Hampshire
- BAE’s Hybrid Bus Systems Gain Traction in Municipalities

Space is limited and RSVPs are requested. For more information and to find out about availability contact Sara O'Neil, Communications Specialist for Nashua Transit System, at (603) 589-3297 or oneils@nashuanh.gov.

Calendar: Upcoming Events, Meetings & Webinars

Join us For AltWheels Fleet Day
Monday, October 7, 2019
Four Points by Sheraton, Norwood, MA

REGISTER NOW
www.AltWheels.org

- October 7, 2019, Norwood, MA - AltWheels Fleet Day - ***With special guest John Davis, creator of MotorWeek as Keynote Speaker*** - This annual event presents the latest in transportation technologies, alternative fuels and fleet management practices. As a member of the Advisory Committee for this year’s event, I’d like to remind you it’s not too late to register. Click this link to access the Reservation Form.

- November 15, 2019, Concord, NH - Local Energy Solutions Conference - NH’s premiere clean energy conference for local energy champions, industry representatives, policymakers, municipal staff and beyond. Register today to take advantage of the early-bird rates until October 11.
Whirlwind Two Weeks for GSCCC & Electric Vehicles (EV)

It’s been a whirlwind two weeks for our Coalition with participation in six National Drive Electric Week events, the Charge Forward EV Relay and co-hosting the Bi-State EV Connector. The common thread through all of these events was the celebration of advanced vehicle technology.

Our Coalition is a forum for sharing experiences and opportunities to get hands-on with the fuels and vehicles that propel us forward. Since Governor Sununu dedicated the full 15% of the Volkswagen Settlement to EV charging stations infrastructure, there has been growing interest in how to prepare for EVs.

In New Hampshire, EV sales increased more than 55% from 2017 to 2018. That trend is expected to continue in 2019 and 2020 as new models are made available. Major automakers such as Volvo, Ford and General Motors continue to press forward with EV commitments and earlier this year Shell, a major petroleum investor, acquired the EV charging network Greenlots.

In response to stakeholder’s requests for guidance and education, the Coalition jumped into the EV conversation. It began with National Drive Electric Week (NDEW), September 14-22. Governor Sununu dedicated this week as “New Hampshire Drive Electric Week,” and we made every effort to carry the torch.

Through collaboration with Drive Electric NH, NH Sierra Club and NH Auto Dealers Association, the Coordinator captained the 9th NDEW Concord Event in front of the State House. Thanks to support from our stakeholders, we had a diverse display of EVs for our showcase, as well as solar/charging options for interested attendees.
Jay MacFarland of Hampton Ford Hyundai drove over from the Seacoast in a battery electric Hyundai Kona, the ever-reliable Mike Mercer of Banks Autos showed up (in spite of a cold) with the battery electric Chevy Bolt, and ReVision Energy generously sponsored our event (thanks Ron Leland and Eric Zulaski for exhibiting EVs and solar-powered EV charging solutions).

Special thanks to Eileen Sleeper of Heritage Harley-Davidson, even though they weren’t able to showcase HD’s new electric motorcycle, the LiveWire, they provided valuable support in the form of a child’s Iron E electric bicycle for our raffle. Congratulations to our prize winner, Jeff Manning!

Additionally, we presented and/or staffed the NH Department of Environmental Services and Clean Cities table at events in the Upper Valley (thanks, Tim), Exeter (thanks, Liz), Plymouth, Nashua and Portsmouth. It was great to chat with EV owners and enthusiasts. Attendees were particularly impressed with the decreasing prices and increasing range on many of the new EV models.

Then, on Monday September 16th, I had a chance to share in the thrill of a first-of-its-kind Charge Forward EV Relay across NH. Spearheaded by Brianna Brand of Clean Energy NH, our Drive Electric NH coalition supported this unique event featuring favorite NH celebrities - like Greg Kretschmar of Greg & The Morning Buzz Radio Show - driving different EV models - like the Audi e-tron and Mitsubishi Outlander - to favorite NH destinations equipped with charging stations.
The day began at LaPerle’s IGA in Colebrook, our northernmost charging station location, and ended with a Press Stop in Portsmouth. There were several Press Stops along the route including the NH Motor Speedway (NHMS) where David McGrath, the Speedway's General Manager, and a caravan of EV owners drove laps around the track. At each Press Stop the baton was passed to the next driver who zoomed off to the next destination in a different EV.

I was thrilled to speak at the Concord Press Stop and share about the good work of our Coalition in the petroleum reduction space. The Relay ended with a celebratory afterparty at one of NH’s Destination Electric participating businesses, The Portsmouth Brewery. I’m still dreaming about their cheesy pita dip with tomato and bacon – yum!

Last Friday, we capped off this whirlwind two weeks with a special Coalition event at Hypertherm in Lebanon called the Bi-State EV Connector.
Our Coalition collaborated with Vermont Clean Cities to plan a full day agenda, targeting fleets, businesses and municipalities in the Upper Valley of Vermont/New Hampshire, and showcasing the electrification of transportation, technology and equipment.

The weather was mild as vendors, showcasing electric vehicles, utility vehicles and lawn equipment, charging stations and solar technology, including a BYD battery electric bus, lined the sidewalk and parking spaces along the front of the building. Almost a hundred participants shared in the opportunity to connect and reflect on EV efforts and advancements. Special thanks to our Sponsors and Vendors, Presenters and Moderators, without whom this event would not have been possible!

From propane powered school buses and compressed natural gas transit buses to electric vehicles and charging stations, if you are considering an alternative fuel project, or have one that you implemented, please reach out to us - we are your New Hampshire Clean Cities Coalition!

Visit our website: GSCCC Website Link. Our coalition is a wealth of information and resources and I’m happy to assist with technical, promotional or administrative support. Drop me an email at: Jessica.Wilcox@des.nh.gov. I look forward to hearing from you!

Alternative Fuel Spotlight:
“Clean Transportation: Perception vs Reality”

Todd Mouw, Vice President of sales and marketing for ROUSH CleanTech, recently shared the following article:
"Public and private fleet transportation directors are learning more about advanced technology developments for transportation. These people have a wide variety of job responsibilities across these fleets, and have many of the same concerns. Here are the top three themes that examine their perception versus the reality of what’s going on in the industry.

**Perception: Medium-duty electric vehicles are here and commercially viable.**

The reality is that EVs are still under development for the commercial truck and bus segment. Mass adoption has not yet taken place. There is work to be done on several fronts, including:

- The integration of the technology and controls strategy needs to improve.
- Battery cost must continue to come down.
- Infrastructure needs must be addressed.
- Service locations must be identified.
- More OEM involvement needs to occur, so suppliers can start supporting much larger volumes and drive additional innovation.
- 2nd life for the batteries once they are decommissioned from the vehicle.

**Perception: Big Data on fleet mobility is everywhere.**

Reality: There have been huge advances in capturing Big Data as it relates to fleet mobility. By leveraging data, operators can reduce vehicle downtime, improve the safety of their operation, and optimize routes — and that’s just the beginning. Connectivity pilot programs are helping fleet managers operate at peak performance levels and reduce the anxiety of fleets transitioning to a new energy source, like propane or compressed natural gas.

**Perception: Propane is solely for backyard grilling.**

The reality is that it’s available for off-road applications, like forklifts and lawn mowers, and also for on-road transportation, like Blue Bird buses and Ford commercial vehicles. More than 27 million vehicles travel worldwide with propane autogas in their fuel tank. There are over 1 million children safely riding to and from school on a Blue Bird propane school buses.

Let make sure that we continue to squelch perceptions with reality.

To learn more about ROUSH CleanTech’s alternative-fuel vehicle technology that powers school buses and Ford commercial vehicles, please visit www.rouschcleantech.com.”

You might also be interested in ...

- [Convenience Store News: Biodiesel Trend Takes Off in Trucking](#)
• **Daimler Celebrates Industry Milestone: First Daimler Heavy-Duty Electric Vehicles to be put into Fleet Operation**

• **EERE’s Vehicle Technologies Office Releases the Research Plan to Reduce, Recycle, and Recover Critical Materials in Lithium-Ion Batteries**

• **On Land, Air, and Sea, Fuel Cells are Pushing New Transportation Boundaries**

• **Renewable Natural Gas Continues to Move Passengers on the Big Blue Bus and at LA International Airport**

**Social Media Appeal:**

Are you on Facebook? Interested in what the Coalition has to say this week? Join the alternative fuel/advanced tech vehicle conversation, visit our [Facebook page](#) and click the link to “LIKE” us – 224 likes and counting!

**Help us grow our following by:**
1. “Liking” our page from your Facebook account.
2. If you think you’ve liked the page already, double-check – Did you know that “like” and “follow” are NOT the same thing? Some of you may have “followed” the page but still need to hit that thumbs-up button.
3. On our page, click on the “Invite Friends” button on the right-hand side. You’d be surprised how many people will like us with just that little nudge!
4. … and share our posts!

**Thank you for reading – if there’s something you’d like to see, say or share drop me a line:** [Jessica.Wilcox@des.nh.gov](mailto:Jessica.Wilcox@des.nh.gov)

**GSCCC Coordinator, Jessica Wilcox**
(603) 271-6751
[Jessica.Wilcox@des.nh.gov](mailto:Jessica.Wilcox@des.nh.gov)
[www.granitestatecleancities.nh.gov](http://www.granitestatecleancities.nh.gov)

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