

Vermont Clean Cities Newsletter

Hosted at the UVM Transportation Research Center

May 2014



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U. S. Department of Energy

Welcome to the VTCCC Newsletter:

Your clearing house for news, programs, and funding information related to reducing the consumption of petroleum for transportation in Vermont.

Upcoming Events

Brown Bag Lecture Series: The Marine Engine Testing and Emissions Laboratory (METEL) at Maine Maritime Academy

July 11, 2014, 12 pm- 1 pm
UVM Transportation Research Center
Farrell Hall, Burlington, VT
[For more info click here](#)

Natural Gas Vehicles - The Here and Now Technology, One Day Workshops

- *September 10, 2014, Lincoln, RI, [click here to register](#)*
- *October 2, 2014, Concord, NH, [click here to register](#)*

Alt Energy Summit

September 13-14, 2014
Mt. Washington Auto Rd, Gorham, NH
[For more info click here](#)

Odyssey Day - National Alternative Fuel Vehicle Day

October 17, 2014
Church Street, Burlington, VT
For more info email [Michelle McCutcheon-Schour](mailto:Michelle.McCutcheon-Schour)

DOE News

Energy Department Announces \$2 Million to Develop Supply Chain, Manufacturing Competitiveness Analysis for Hydrogen and Fuel Cell Technologies

The Energy Department today announced up to \$2 million to develop the domestic supply chain for hydrogen and fuel cell technologies and study the competitiveness of U.S. hydrogen and fuel cell system and component manufacturing.

Vermont News

Firm to Workers: Save energy, earn bonus

A manufacture of renewable energy equipment has found a formula to get its employees to save energy: a \$6,000 annual bonus, offset with a carbon tax.



Fueling Our Future

Castleton College is pleased to announce the installation of two new energy efficient projects on campus, including a ground mounted solar array and dual-vehicle electric fueling station.

U.S. Energy Secretary Moniz talks climate change at Middlebury College

U.S. Energy Secretary Ernest Moniz traveled to Vermont to learn about efforts to transform the state's energy system.

Regional and National News

What if your electric car didn't have to plug in?

Electric car advocates are racing to try to find the next breakthrough that could make the cars more attractive to the average American car buyers.



ABC 6 Investigates the Money Trail: Natural Gas vs. Diesel

With the rising cost of diesel fuel, both Rochester Public Works and Rochester Public Transit are looking into an option that may be less costly overtime.

Alternative-Fuel Vehicles a Growing Niche Market

Many alternative fuels, such as biodiesel, are vying for market share with drivers.

International News

Dual-Fuel Propane Autogas Systems Installed on Heavy-Duty Trucks

Bibby Distribution, one of the largest U.K.-based logistics providers, has integrated dual-fuel propane autogas systems on five heavy-duty tractors that the company

operates on behalf of Unipart Rail.

Egypt Works to Encourage Green Cars

Egypt is moving to increase the number of cars that run on natural gas in a bid to alleviate domestic demand for diesel fuel and petrol and to reduce high rates of pollution in cities, particularly Cairo.



FUNDING OPPORTUNITIES

Zero Emission Cargo Transport (ZECT) Demonstration

The U.S. Department of Energy (DOE) National Energy Technology Laboratory (NETL), on behalf of the Office of Energy Efficiency and Renewable Energy's (EERE) Office of Vehicle Technologies (OVT) Program, is issuing this announcement to focus on accelerating the introduction and penetration of Zero Emission Carbon Transportation (ZECT) technologies. ZECT technologies are those that meet the definition of electric transportation technologies (ETT) provided in Section 131(a)(3) of the Energy Independence and Security Act (EISA), P.L. 112-74 and that produce zero emissions from the transport vehicle (or other equipment) which propels cargo for all or large portions of their duty cycle. **Application Submission Deadline June 11, 2014.** For more information [click here](#).

VFDA Electric Vehicle Charging Station Loan Program (Natural Gas Refueling Stations are also Eligible)

This program is funded through the State Infrastructure Bank (SIB), which is operated by the Vermont Economic Development Authority in conjunction with the Vermont Agency of Transportation and the Federal Highway Administration. Electric vehicle charging stations and natural gas refueling stations available for public use are eligible for SIB financing. For more information about electric vehicles and electric vehicle charging station technology, please visit www.driveelectricvt.com. Drive Electric Vermont is a project of the Vermont Energy Investment Corporation (VEIC) in partnership with the State of Vermont and a broad array of stakeholders advancing electric vehicle technology. For more information [click here](#).

Advancing Clean Vehicle Technologies in New York

The New York Truck - Voucher Incentive Program (NYT-VIP) is a \$19 million 'first come - first served' incentive program funded through the New York State Energy Research and Development Authority (NYSERDA) that aims to accelerate the deployment of alternative fuel vehicles and diesel emission control devices (DECDs) for medium to heavy duty commercial fleets in New York. NYT-VIP comprises of three unique funds that will be administered in different stages throughout the three-year program. By promoting the use of advanced vehicle technologies, NYT-VIP will help reduce diesel emissions and promote a more fuel independent New York. Vendors (dealers) that market and sell alternative fuel vehicles and DECDs can apply for a voucher incentive to reduce the cost to the Vehicle Purchaser. Once the Vehicle Purchaser receives the new vehicle or DECD at the discounted rate, the vendor will be redeemed the full voucher amount. For more information [click here](#).

Propane Mower Incentive Program

The Propane Mower Incentive Program offers up \$1,000 for qualifying original equipment propane mowers and \$500 for qualifying propane conversions. A list of the qualifying equipment is available on the website. All conversions must be EPA and/or CARB certified. The applicant must agree to provide PERC with a season's worth of mower performance and fuel usage data in exchange for the incentive. For landscape contractors, fuel costs play a huge role in profitability. With the Propane Mower Incentive Program, we'll give you \$1,000 per qualifying new mower purchase or \$500

per qualifying mower conversion to help us document the cost savings and benefits that propane-fueled mowers can deliver. In return, you'll provide feedback and performance data for one mowing season. For more info contact [Alison Dimond](#) or [click here](#).

FREE 8-Hour First Responder Safety Online Training for Electric Drive Vehicles

Not all firefighters are able to participate in classroom-based training due to location, cost, and time constraints. Because of this, the National Alternative Fuels Training Consortium (NAFTC) is excited to announce a limited number of firefighter scholarships to obtain FREE online Electric Drive Vehicle First Responder Safety Training. The NAFTC's award-winning Electric Drive Vehicle First Responder Safety Training online course will equip firefighters with the knowledge they need to safely respond to automotive incidents involving electric drive vehicles, including:

- Hybrid Electric Vehicles
- Plug-in Hybrid Electric Vehicles
- Battery Electric Vehicles
- Fuel Cell Electric Vehicles

Participants in the self-paced, eight-hour Electric Drive Vehicle First Responder Safety Training online course will learn about different electric drive vehicle configurations and their built-in safety systems, how to identify an electric drive vehicle at an accident scene, battery technologies, electric vehicle systems, and how to approach, assess, and secure advanced electric drive vehicles. Participants will also complete online modules for personal protective equipment and gear, crash and fire, and extrication. For more information [click here](#).

Go Vermont Grassroots Grants For Energy Committees

The Vermont Agency of Transportation (VTrans) Public Transit Section is offering grants to municipalities to assist in building a statewide outreach and advocacy network for the Go Vermont Program (www.connectingcommuters.org). VTrans will provide a \$500 grant to participating municipal energy committees. Go Vermont is a web-based clearinghouse for all transportation modes in Vermont, featuring an automated carpool, vanpool and public transit matching service, a vanpool program, information for State Park and Ride locations, and a link to "511" traffic conditions. The project objectives are as follows:

- Broaden Go Vermont outreach efforts
- Build relationships with local committees and advocates
- Identify local and regional transportation priorities and activities
- Increase traffic to the Go Vermont website and tools (www.connectingcommuters.org)
- Focus regional and local initiatives and advocacy efforts.
- The ultimate goal of this program is to increase program awareness, carpool registrations, numbers of van-pools and general activity on the Go Vermont website.

For more information contact [Ross MacDonald](#) or [click here](#).

Weekly Petro-Stats

	<u>Gas at the Pump, VT</u>	<u>Crude Oil Futures</u>
Current	\$3.65 /gallon	\$103.74/barrel
One Month Ago	\$3.69 /gallon	\$101.93/barrel
One Year Ago	\$3.57 /gallon	\$94.24 /barrel

Sources: Fuel Gauge Report, NYMEX

Best Regards,
Michelle McCutcheon-Schour
Coordinator, Vermont Clean Cities Coalition



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