

STATE OF VERMONT  
PUBLIC UTILITY COMMISSION

Investigation into promoting the ownership and use of electric vehicles in the State of Vermont

Case No. 18-2660-INV

**COMMENTS OF VERMONT ELECTRIC COOPERATIVE**  
**Incentives, Education, and Safety Standards**

Vermont Electric Cooperative (VEC) appreciates the opportunity to offer information and recommendations on some of the issues identified in the 3/22/19 Public Utility Commission (Commission) Order regarding incentives, education, and safety standards concerning electric vehicles (EV's) in the State of Vermont.

As discussed in previous comments, VEC hopes to facilitate the growth of EV deployment in order to reduce greenhouse gas emissions and to tap into EV charging as a resource for managing impacts of intermittent, distributed generation on the grid and containing costs that result from increases in peak demand. In its order entered 3/22/19, the Commission directed specific questions to Vermont's electric distribution utilities:

**Questions for Vermont's Distribution Utilities:**

- 1. What incentives do you currently have in place to encourage ownership and/or use of EVs in their respective service territories? This response should include any incentives for the purchase of EVs and EVSE such as Level 2 home chargers, as well as any rate structures in place to encourage home charging.**

Vehicle Incentives. Since 2017, VEC has been offering a variety of plug-in vehicle charging incentives as part of VEC's Energy Transformation (Tier III) Plan. From the onset, VEC structured the program to be accessible to all VEC members by ensuring that incentives were offered for used and leased vehicles, as well as new ones. Given the rural nature of the VEC service territory, and the limited mileage range of early stage fully electric vehicles, VEC had also always included plug-in hybrid vehicles in our incentive offerings. The 2019 VEC incentive for a fully electric vehicle is \$500 for a purchase and \$100/year for a lease. The current incentive for a plug-in hybrid is \$250 for a purchase and \$50/year for a lease.

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To obtain the bill credit, members fill out a simple form and include proof of purchase or lease. [https://www.vermontelectric.coop/images/EV\\_incentive\\_2019-fillable.pdf](https://www.vermontelectric.coop/images/EV_incentive_2019-fillable.pdf). Credits are tracked based on the Vehicle Identification Number (VIN) to ensure that credits are not claimed more than once.

Charging Stations. In 2018, VEC began offering a bill credit incentive of \$500 per connector for installation of publically accessible chargers, Level 2 and up, and began actively promoting installation of charging infrastructure to large employers and municipal entities. VEC has publicized the availability of the State of Vermont's Electric Vehicle Supply Equipment (EVSE) grant program to our municipal and business members and we offer our support in the development of grant applications in addition to the \$500 per connector credit as a grant match.

Time of Use (TOU) Rates. TOU rates can be an effective tool for shifting load and giving members more control over their usage and monthly electric bill. Since January 1, 2017 VEC has offered a pilot TOU rate available for both residential and small commercial members who participate in the Energy Transformation program, including plug-in vehicles. The lowest residential rate is the off-peak rate (\$0.1179 per kWh) which applies weekdays from 9:01 pm to 7:00 am as well as on weekends and holidays. The mid-peak rate (\$0.1704 per kWh) applies on weekdays from 7:01 am to 5:00 pm, and the on-peak rate (\$0.3201 per kWh) applies weekdays from 5:01 pm to 9:00 pm. These pilot rates are optional rather than mandatory so that members who may not want to be charged a TOU rate are not discouraged from participating in the Energy Transformation program.

**2. How does your company fund the various incentives offered to your customers? Please include in your response any matching-funds programs in which your company participates.**

All VEC incentives are funded by ratepayers as part of our annual Energy Transformation program budget. To date, there have been no outside grants or matching funds supporting the program. VEC educates members about the availability of EV dealer rebates and grant opportunities such as the State of Vermont Electric Vehicle Supply Equipment (EVSE) grant program, which contribute to the deployment of EV's and EVSE in VEC service territory, but these funds channel directly to the EV and EVSE equipment owners.

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VEC is committed to not shifting the incentive program costs to VEC members who are not yet able to participate for financial or practical reasons. This approach is consistent with the Commission’s legislative charge to ensure that any strategies developed to achieve the EV deployment goals do not shift costs to electric ratepayers who do not own or operate EV’s. In determining the levels of incentives, VEC’s analysis ensures that costs paid in incentives are offset by the benefits which will accrue to all VEC ratepayers through projected increased electric sales within a reasonable timeframe.

**3. What have been the customer participation rates in responding to these incentives, including the purchase of new EVs, the installation of Level 2 home chargers, and participation in any EV-specific rate offerings?**

As of April 1, 2019, 103 VEC members have taken advantage of VEC’s bill credit incentive program for plug-in vehicles.

As of April 1, 2019		PHEV	EV
Purchased	Used	7	8
	New	33	41
Leased		6	8
Total		46	57

As of April 1, 2019, VEC contributed bill credits in support of 10 charging stations (8 dual-connector stations and 2 single-connector stations). Currently 14 residential, 3 small commercial, and 2 large commercial members have opted to participate in the Energy Transformation Program pilot TOU rate. This includes 4 EV and 2 PHEV participants and no charging stations.

**4. Please provide specific examples of distribution-utility-sponsored programs from other states designed to encourage the purchase or lease of EVs of which you are aware, including how those programs are funded. If possible, please note those utility programs that have been most successful at increasing the deployment of EVs.**

VEC is in the process of exploring programs by other cooperative distribution utilities that may have applicability to our service territory. Some of the innovative ideas include “free” overnight charging, electric vehicle car-sharing, incentives for home charging, educational ride & drives, Co-op EV procurement loans, and “free” overnight charging rates. It remains to be seen whether these

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programs are effective or align with VEC's program criteria. We continue to hear from our members that cost, range, and practical use (needing a truck or 4WD) are the most important considerations. Many of those barriers will best be addressed by the market and we will continue to support these developments through partnerships and education.

**5. What efforts have you made with respect to conveying the benefits of transportation electrification to your customers, including environmental benefits, lower maintenance and fuel costs, and lower costs for ratepayers generally? Please describe any plans to engage in educational activities regarding transportation electrification. Please include descriptions of information outreach such as information on your website, direct mailings to customers, bill stuffers, and promotional events.**

Since 2017, VEC has made electrification of transportation a top education and outreach priority and a significant component of our annual member engagement plan. We have included promotion of VEC vehicle incentives and the economic and environmental benefits of plug-in transportation in our social media, electronic and print media, bill inserts, and through direct email marketing. We have included in-depth articles in our quarterly Co-op Life newsletter which is distributed to all 40,000 Co-op members in print or electronic form. We have collaborated with Drive Electric Vermont in our outreach strategy and continue to direct members to their resources for additional information. We will work with local car dealers to promote the financial incentives available to VEC members. See Attachment A for samples of these educational activities.

In 2018, VEC determined that in our service territory driving hybrid vehicles could be a good transition to full electric transportation and that it would be helpful to introduce members to this type of vehicle. We created a home-grown video (*Jake and Dave on Plug-In Hybrid Vehicles*) which took Co-op members "on a ride" in a hybrid plug-in vehicle. <https://youtu.be/XMrXvW-oorM>

Electric transportation is also the theme of VEC's upcoming Annual Meeting of the Membership (May 11, 2019) *Driving into the Future: Electric Vehicles in Rural Vermont*. At the meeting we will have an expert panel discussion as well as a variety of plug-in vehicles on display with the vehicle owners available to discuss their experience driving electric in rural Vermont.

VEC is committed to continuing our electric transportation incentives and programs in accordance with the interests and concerns of members and "meeting members where they are at". In

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VEC's 2017 annual residential member survey, we obtained information from 436 members about the likelihood of them driving electric. Only 28% of VEC members reported that they are "very" or "somewhat likely" to own or lease an electric vehicle in the next five years.

Likelihood of owning/leasing an electric vehicle:

9%	Very Likely
19%	Somewhat Likely
16%	Somewhat Unlikely
53%	Not at all Likely

Younger members, those living in larger households, and those who were employed were significantly more likely to want to own or lease an electric vehicle. (Approximately half of the member respondents reported they not currently employed).

Almost 70% of respondents reported that they are "somewhat unlikely" or "not at all likely" to see themselves driving electric in the next 5 years. We believe having lower cost, longer range, and different type of vehicles will be essential to deploying electric vehicles in rural Vermont, as well as increased education about the economic and environmental benefits.

**6. What pace of EV adoption and EVSE deployment is needed for Vermont to achieve the goals of the State's Comprehensive Energy Plan and its greenhouse gas reduction goals? How can Vermont's utilities assist in meeting those goals, and what level of effort and investment is required to meet them? What can the PUC do or change to help in meeting those goals? Are you aware of the type of incentive, the level of incentive, or any approaches (such as marketing and sales information) that have proven to motivate a substantial shift to buying EVs, in Vermont or elsewhere?**

Distribution utilities are motivated to facilitate electrification of transportation. Our primary role and expertise is to ensure clean safe, reliable, and cost effective electric power supply and infrastructure to support the electric transportation system of our future. We do not believe electric rates are currently a deterrent to vehicle deployment although VEC will continue to explore rate structure options as well as technology to support and incentivize home and public charging and load control. The PUC can facilitate this work by providing flexibility for the DU's to make necessary system changes at a pace and a cost that is appropriate for their particular service territory. We also believe electric ratepayers should not incur any unnecessary costs that would

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make electricity less competitive compared with fossil fuels. We believe that in order to ensure long term system financial sustainability, we must avoid shifting costs onto electric ratepayers who are not yet able to transition to electric vehicles due to financial constraints or vehicle performance limitations.

The Role of State Government and Public Interest Organizations

In addition to affording the distribution utilities the flexibility to develop innovative and sustainable programs, state government has an important role to play in ensuring consumer protection and consumer information and education. VEC believes the appropriate level of regulation must be put in place so that consumers can have accurate and transparent information about the costs related to purchasing, maintaining, and operating electric vehicles. Organizations whose primary mission is consumer protection should be encouraged to participate in the formulation of related public policy so that lower income and more vulnerable populations are adequately protected.

Thank you for the opportunity to comment. VEC looks forward to continuing this discussion so that the state can achieve the goals of reducing greenhouse gas emissions in a way that is fair and cost-effective.

Respectfully submitted,  
VERMONT ELECTRIC COOPERATIVE, INC.



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## ATTACHMENT A: Vermont Electric Co-op EV Promotion Samples

### Feb 2019 Bill Insert



**New Year, New Incentives!**

In 2019, VEC is once again expanding its Energy Transformation Program to help members transition off of fossil fuels. Here is a full list of 2019 incentives:

- **Plug-in hybrid electric vehicle** - \$250 for a purchase (used or new) and \$50/year for a lease
- **Fully electric vehicle** - \$500 for a purchase (used or new) and \$100/year for a lease
- **Charging station (publicly available Level 2 or 3)** - \$500 per head
- **Cold climate heat pump** - \$300 per outdoor unit
- **Heat pump water heater** - \$150 per unit
- **Pellet stove** - \$150 per unit
- **NEW - Electric forklift** - \$1,000 per unit
- **NEW - Zero Energy Modular home** - \$500 per unit

For more information, visit [www.vermontelectric.coop](http://www.vermontelectric.coop), email [support@vermontelectric.coop](mailto:support@vermontelectric.coop), or call 1-800-832-2667.



### March 2018 Bill Insert



**VEC ENERGY TRANSFORMATION**


### Drive clean and earn credit on your electric bill!

In 2017, VEC launched the Energy Transformation Program to help members transition from fossil fuels. Because transportation contributes 50% of Vermont's carbon emissions, VEC is continuing to offer a bill credit to members who purchase or lease a new or used electric vehicle or plug-in hybrid electric vehicle.

The 2018 credit amounts are as follows:

	Purchase	Lease
Plug-in hybrid	\$250	\$50/year
Fully electric	\$500	\$100/year

To learn more, visit [www.vermontelectric.coop](http://www.vermontelectric.coop), email [support@vermontelectric.coop](mailto:support@vermontelectric.coop) or call 1-800-832-2667.



VEC Video: Jake and Dave on Plug-In Hybrid Vehicles: <https://youtu.be/XMrXvW-oorM>



Sample of EV related Articles in VEC's quarterly Co-op Life Newsletter. Sent by postal mail or electronic mail to all VEC members

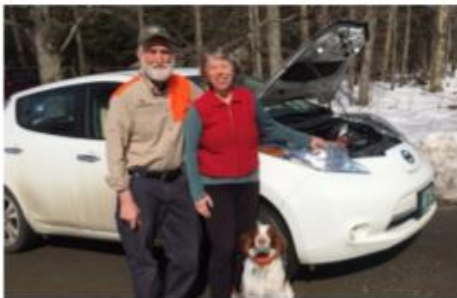
### Johnson Couple Travels Quickly, Quietly and Cheaply in New EV

Last fall, Johnson residents and VEC members Eric and Ingrid Nuse took the plunge into electric car ownership, and they're happy they did. "The car is wonderful – it's a joy to drive – it's comfortable, quiet, and plenty peppy," Eric Nuse says.

The couple took advantage of a range of incentives, including a VEC bill credit, when they purchased their Nissan Leaf. The couple uses the car for a lot of local trips and notes that the cost to run the electric car overall has been significantly less than running a gasoline car. Maintenance has been negligible.

The couple says they do have to plan longer trips more carefully because charging stations are not as numerous as gas stations, and they also have to plan for the car's decreased range when the weather is cold. In the summer, the couple has no trouble making a round trip to Burlington and back, for example. In the winter, they are likely to have to plug the car in for a bit in Burlington before returning to Johnson. The couple also owns a gasoline-powered second vehicle they can use for longer trips.

Charging challenges notwithstanding, the Nuses are very pleased with their car – not only because it's fun and costs less to run, but also because it has struck their environmental budget.



Eric and Ingrid Nuse of Johnson with Lucie and their Nissan Leaf.

#### Buy, and Get the Credit

This year, VEC members buying electric or plug-in hybrid electric vehicles are eligible for the following bill credits:

- \$250 one-time bill credit for purchase or \$500/year for a lease for plug-in hybrid electric vehicles (e.g. a Chevy Volt or a Toyota Prius Plug-In).
- \$500 one-time bill credit for purchase or \$1000/year for a lease for a fully electric vehicle (e.g. Chevy Bolt or Nissan Leaf).

VEC's incentives are in addition to any federal and state tax credits offered. In order to claim credits, members must simply fill out a short form and send it, along with the proof of purchase or lease, to VEC.

VEC's incentives for electric vehicles, as well as similar credits for pellet stoves, heat pumps, heat pump hot water heaters, and charging stations, are part of VEC's Energy Transformation Program. This program stems from Vermont's Renewable Energy Standard, which was passed by Vermont lawmakers

in 2015. Under the law, Vermont's electric utilities are required to implement programs to help their customers shift their energy sources from fossil fuels like gasoline or heating fuel, to electricity or other non-fossil fuel sources.

For more information about these incentives, please call 1-800-832-2367, email [support@vermontelectric.org](mailto:support@vermontelectric.org), or visit [www.vermontelectric.org](http://www.vermontelectric.org).

### For the Frasier Family of Newport, Energy Transformation Starts at Home

The Frasier family of Newport has taken some pretty deliberate steps in the last couple of years to transform their household energy systems. Their overriding goal? Save money.

Back in 2016, the Frasers began wondering how they could save some money by generating their own electricity. The challenge was that the house and property they own on Maple Street simply didn't have enough space for solar panels. They then learned about VEC Co-op Community Solar.

"One day we got an email about VEC's program, and we jumped on it," said Sarah Frasier. "The great thing is that even if you can't put solar up at your house, you can still get the benefits of saving money through bill credits over time," she said. Co-op Community Solar allows VEC members to sponsor solar panels in three community solar arrays across VEC territory.

The Frasers sponsored enough panels to just about zero out their electricity use, but they weren't done yet. In February of 2017, they bought a Nissan Leaf taking advantage of several incentives, including VEC's bill credit and their added a few more panels to their community sponsorship in order to offset the new electric load. Then in May last year, they bought a Chevy Volt hybrid (again, benefiting from a VEC bill credit). They say the whole package is saving them money overall, in large part because fueling the cars with electricity is cheaper than doing so with gasoline.

The Frasers use the Leaf, which has about a 100-mile range between charges, for grocery shopping, taking their 10-year-old daughter Riley to her many sporting activities, and other errands in and around town. The 2013 Volt is their long-distance traveling car, because the gasoline engine kicks in after the 40-mile electric range has been exhausted. "It's a safety net – we have no concerns about range with the Volt," Sarah Frasier said.

The Frasers say they may consider getting some efficient cool climate heat pumps to cool and heat their home, a purchase that will be all the more affordable with VEC bill credits for those devices.

While using more clean energy is certainly a plus, the Frasers say household economics is their main motivation for all they have done.

"We like saving money on energy," said Alan Frasier. "We have plenty of other things we'd rather spend our money on."



Sarah, Alan and Riley Frasier of Newport have sponsored Co-op Community Solar panels and purchased two electric vehicles, including this Chevy Volt hybrid, to transition away from fossil fuels. Photo VEC/ Kevin Goddard.



## VEC Offering New Incentives for 2019

VEC is offering a new round of bill credits this year for members who purchase a range of devices for their homes or businesses. These incentives are in addition to other incentives or rebates, including those from Efficiency Vermont.

Specifically, VEC is offering a \$300 credit for each electric heat pump you charged this year (up from \$150 for those purchased in 2018) as well as new credits this year for electric-powered forklifts (\$1,000) and Zero Energy Vehicle (ZEV) homes (\$500).

VEC's bill credits help members who want to shift their energy use away from fossil fuels. But the credits aren't just a benefit to those members. The incentives also help keep electricity rates healthy over the long-term, something that's a special benefit for all our members.

The incentives for the forklifts offered to members who purchase new or used electric forklifts for new applications, or whenever a purchased electric forklift directly replaces a fossil fuel-powered forklift - and ZEV homes are an example of technologies for which VEC is offering incentives for the first time.

ZEV homes are energy-efficient, modular homes designed to meet the high standards of durability, energy efficiency, comfort, and air quality. One round of ZEV homes is built in Vermont by Vermont-based or White River Junction.

Besides the increased heat pump and new forklift and ZEV home incentives, other bill credit opportunities for 2019 include:

- Heating/Cooling: Heat pump water heaters and geothermal systems, a bill credit of \$700 per unit.
- Vehicles: For plug-in electric vehicles, a bill credit of \$200 for purchases from 10/1/18 and \$100 for those for purchases from 10/1/17; for electric vehicles, a bill credit of \$100 for purchases from 10/1/18 and \$50 for those for purchases from 10/1/17.
- Vehicle Charging Stations: Businesses and public entities installing electric vehicle charging stations that are available to the public can take advantage of a bill credit of \$500 per connection. (That's \$200 for a new hard charge and \$1,000 for a new hard charge.)
- Clean Air Program (CAAP): CAAP program can help replace fossil fuel stoves and reduce carbon emissions. Through electric venting systems or the air ductwork. Each project is customized to meet the needs of the member and the scope. Contact VEC if you think you might have a suitable project for the CAAP program.

Learn more about all of these opportunities by visiting [www.vermontelectric.com/energytransformation](http://www.vermontelectric.com/energytransformation) or calling 1-800-432-2347

### How about EVs?

VEC has consolidated information about electric vehicles and plug-in electric hybrid vehicles on a new landing page on our website. On the page you can also check out a new video of a plug-in hybrid car test drive we did last summer. In the video, "Take and Drive on Plug-In Hybrid Vehicles," we take you on a ride around the neighborhood, and talk about charging, efficiency, drivability and VEC's incentives.

If you're interested in a new car, or just curious about this new technology, check it out here: <https://www.vermontelectric.com/plug-in>



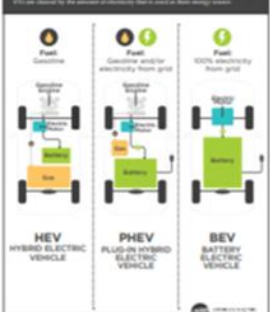
VEC employee vehicle plugged in at our office in Johnson. Photo credit: VEC/Kevin Goddard

## Don't Miss out on Bill Credits for Heat Pumps, Pellet Stoves, EVs and More

VEC is offering a new round of bill credits this year for members who purchase a range of devices for their homes or businesses. These incentives are in addition to other incentives or rebates, including those from Efficiency Vermont.

- Heating/Cooling: Heat pump water heaters and geothermal systems, a bill credit of \$700 per unit.
- Vehicles: For plug-in electric vehicles, a bill credit of \$200 for purchases from 10/1/18 and \$100 for those for purchases from 10/1/17; for electric vehicles, a bill credit of \$100 for purchases from 10/1/18 and \$50 for those for purchases from 10/1/17.
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### Types of Electric Vehicles



### VEC offering additional incentives for 2019

VEC is offering a new round of bill credits this year for members who purchase a range of devices for their homes or businesses. These incentives are in addition to other incentives or rebates, including those from Efficiency Vermont.

### Public Charging Stations

Businesses and public entities installing electric vehicle charging stations that are available to the public can take advantage of a bill credit of \$500 per connection. (That's \$200 for a new hard charge and \$1,000 for a new hard charge.)

## Electric vehicles: your top questions answered



Electric cars can save you money on fuel and reduce your carbon footprint. More Vermonters are plugging in, but there are a few things to consider before you make the switch. Below, we answer your most frequently asked questions.

### How much do electric cars cost to buy?

Many people associate electric cars with high-end brands like Tesla, but there are a wide variety of models and price ranges available right here in Vermont. New cars retail for \$23,000 or more, with used cars as low as \$4,000. Leases can be as low as \$200/month.

If you purchase a new electric car, you can receive up to \$7,500 back as a federal tax credit, bringing Vermont's lowest-priced model cost down to \$15,500. Additional local rebates and special offers are available.

### How well do electric cars perform in cold weather?

Cold weather will deplete a battery charge more quickly. Vermont owners have reported a reduction in range on days with lower temperatures. On very cold days you'll want to plan for shorter trips or minimize use of your car heater.

With proper tires, electric cars are a match for most Vermont roads and winter conditions. In fact, owners often report better traction in snow than conventional gas-powered vehicles because of the heavier battery.



### How will I charge my electric car?

Most owners charge their electric cars the way they do their cellphones: by plugging in at home, overnight. You can charge your car with a dedicated 120-volt outlet, or you can install a 240-volt charging station for faster charging (about 10-20 miles of range for each hour that you are plugged in). 240-volt home charging equipment and installation costs about \$1,000-\$1,500.

Some workplaces offer electric car charging onsite for a fee, or free of charge. There are also over 100 public charging stations available across Vermont, including dozens of fast chargers that can charge any electric car in under 20 minutes.

### How safe are electric cars?

Electric cars are held to the same rigorous automotive safety testing and standards as conventional vehicles. They are additionally required to meet electric vehicle standards that ensure safe battery storage and crash protection. Most common models have received 4- and 5-star crash test safety ratings from the National Transportation Safety Board. And because of their heavy batteries, electric cars are less likely to roll over during a crash.



Save money on maintenance costs with an all-electric car

- oil changes
- cooling system flushes
- transmission services
- air filter replacements
- spark plugs
- drive belts

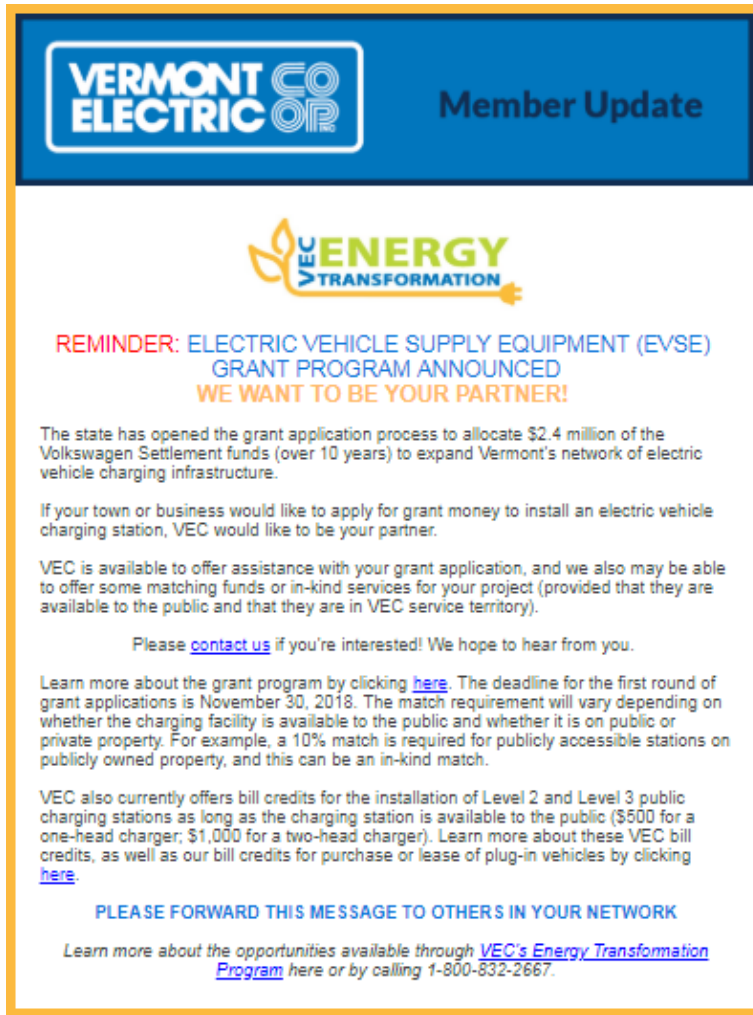
### How much money will I save by driving electric?

In Vermont, charging an electric car costs about the same as paying \$1.50 per gallon of gas. You'll use more electricity, but it will still only cost you about half as much to drive an electric vehicle as a gas-powered car, on average. If you drive an all-electric car, you'll also eliminate the cost of regular oil changes, cooling system flushes, transmission services and replacement of air filters, spark plugs, and drive belts. Even with a plug-in hybrid model (an electric car with a gas tank backup for longer trips), you won't have to perform these services as often.

## VEC Direct Email samples -2018

Campaign Name	Total Sent	Open Rate
VEC Expanded Energy Transformation Incentives	13837	43 %
Member Update - Energy Transformation	15282	35 %
Member Update - Energy Transformation	15781	45 %
EVSE Grant- Municipality list	147	34%

Sample- Direct Email to VEC Towns



**VERMONT ELECTRIC CO-OP** Member Update

**VEC ENERGY TRANSFORMATION**

**REMINDER: ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE) GRANT PROGRAM ANNOUNCED**  
**WE WANT TO BE YOUR PARTNER!**

The state has opened the grant application process to allocate \$2.4 million of the Volkswagen Settlement funds (over 10 years) to expand Vermont's network of electric vehicle charging infrastructure.

If your town or business would like to apply for grant money to install an electric vehicle charging station, VEC would like to be your partner.

VEC is available to offer assistance with your grant application, and we also may be able to offer some matching funds or in-kind services for your project (provided that they are available to the public and that they are in VEC service territory).

Please [contact us](#) if you're interested! We hope to hear from you.

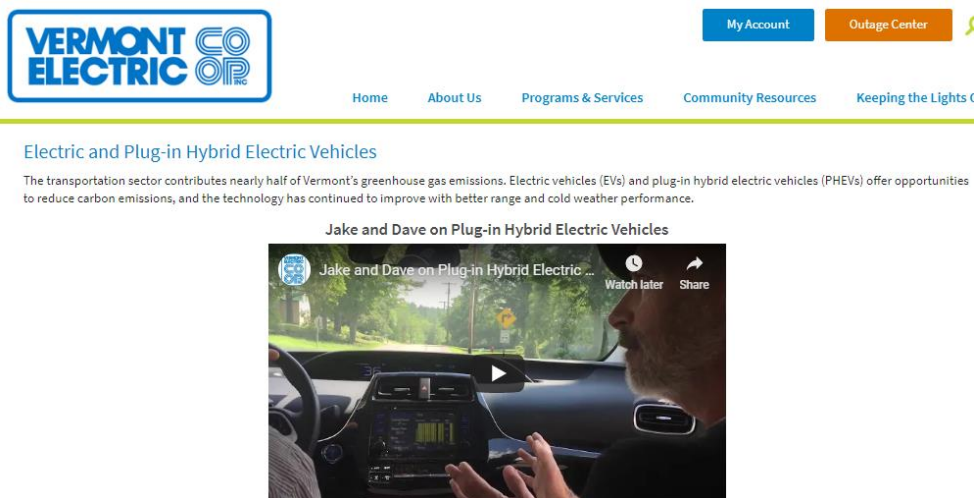
Learn more about the grant program by clicking [here](#). The deadline for the first round of grant applications is November 30, 2018. The match requirement will vary depending on whether the charging facility is available to the public and whether it is on public or private property. For example, a 10% match is required for publicly accessible stations on publicly owned property, and this can be an in-kind match.

VEC also currently offers bill credits for the installation of Level 2 and Level 3 public charging stations as long as the charging station is available to the public (\$500 for a one-head charger; \$1,000 for a two-head charger). Learn more about these VEC bill credits, as well as our bill credits for purchase or lease of plug-in vehicles by clicking [here](#).

**PLEASE FORWARD THIS MESSAGE TO OTHERS IN YOUR NETWORK**

Learn more about the opportunities available through [VEC's Energy Transformation Program](#) [here](#) or by calling 1-800-832-2667.

VEC Electric Vehicle Website Landing Page




**VERMONT ELECTRIC CO-OP** My Account Outage Center

Home About Us Programs & Services Community Resources Keeping the Lights On

### Electric and Plug-in Hybrid Electric Vehicles

The transportation sector contributes nearly half of Vermont's greenhouse gas emissions. Electric vehicles (EVs) and plug-in hybrid electric vehicles (PHEVs) offer opportunities to reduce carbon emissions, and the technology has continued to improve with better range and cold weather performance.

Jake and Dave on Plug-in Hybrid Electric Vehicles



Jake and Dave on Plug-in Hybrid Electric ... Watch later Share