

Plug In & Power Up:

Vermont Transportation Electrification Updates



November 1, 2025

Agenda

1. Drive Electric Vermont Introduction
2. Transportation Emission Reductions
3. Adoption Trends
4. Current EV Purchase Incentives
5. Charging Infrastructure Development
6. Opportunities for Local Action
7. Discussion / Q & A



About VEIC

VEIC is on a mission to generate the energy solutions the world needs.

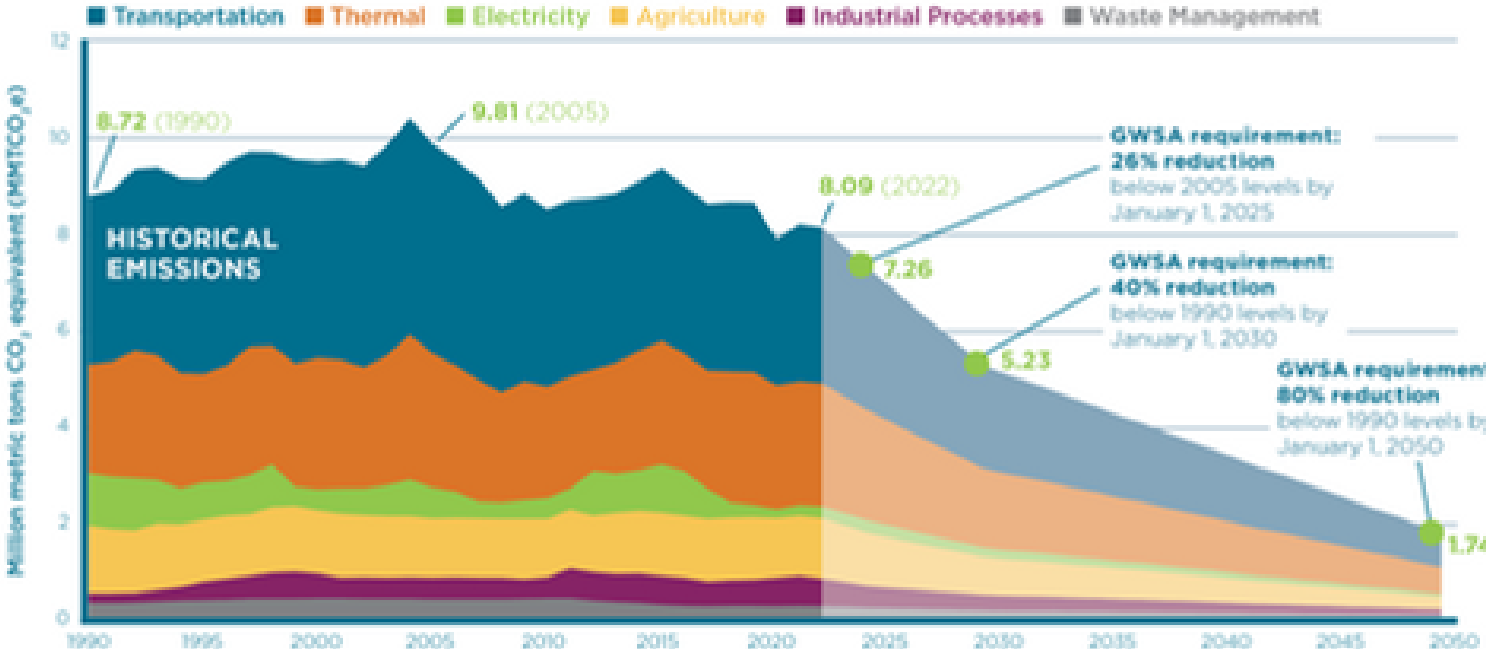


- **Winooski-based** nonprofit operates the Efficiency Vermont energy efficiency utility
- VEIC also coordinates the Drive Electric Vermont program in partnership with the State and other stakeholders

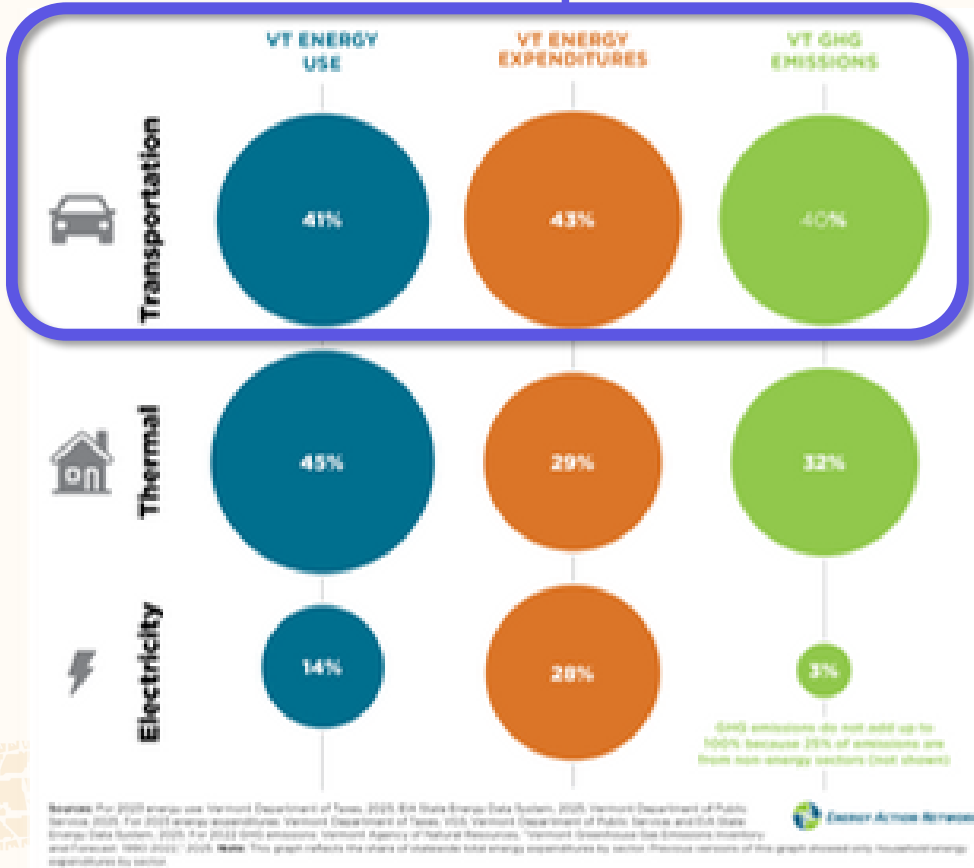


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Vermont's historical GHG emissions and future requirements



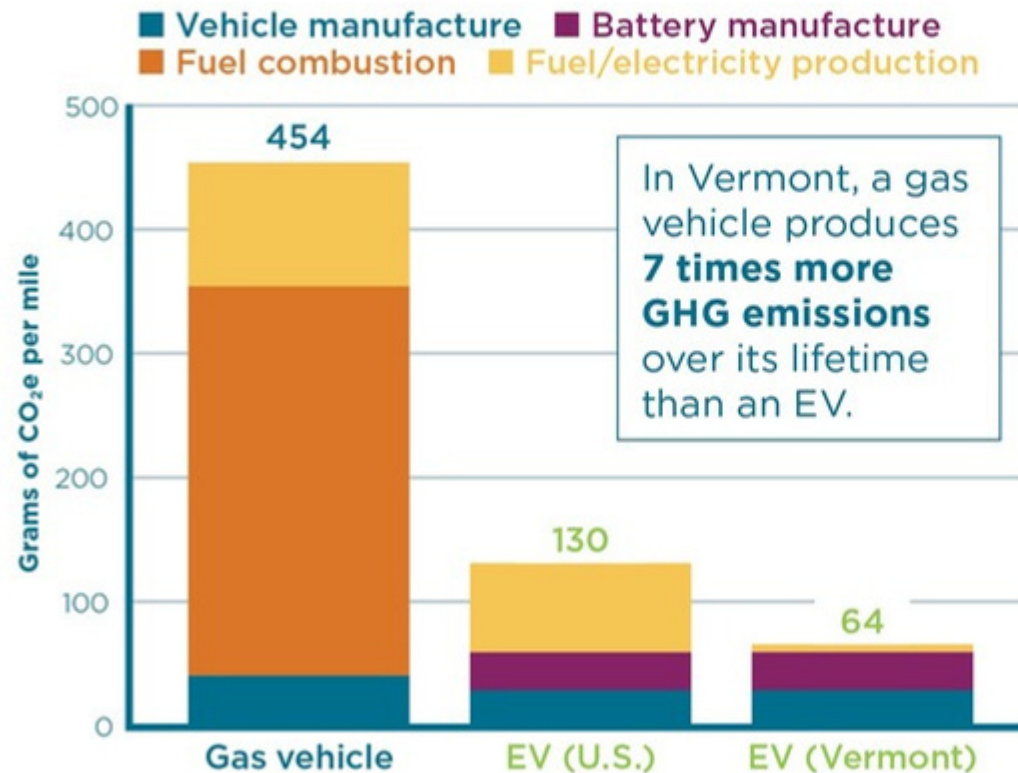
Source: Vermont Agency of Natural Resources, "Vermont Greenhouse Gas Emissions Inventory and Forecast: 1990-2022," 2025. **Note:** A small amount of emissions from the "Fossil Fuel Industry" category (i.e., fugitive emissions from fossil gas pipelines in VT), accounting for 0.4% of Vermont's overall emissions in 2022, is not visible on this graph.



EV Emission Reductions

2024 Lifecycle GHG emissions of SUVs in the United States and Vermont

Lifecycle GHG emissions of gas vs. electric vehicles



In Vermont, a gas vehicle produces **7 times more GHG emissions** over its lifetime than an EV.

Sources: ICCT, "Life-cycle greenhouse gas emissions of U.S. sedans and SUVs with different powertrains and fuel sources," 2024. Vermont electricity emissions based on 2020 life cycle emissions from Vermont Agency of Natural Resources/ERG, "Vermont Energy Sector Life Cycle Assessment," 2024. **Notes:** Values represent emissions over the lifetime of a vehicle purchased in 2024. Emissions from EVs are presented separately for the U.S. and Vermont because Vermont's electricity portfolio is much lower-emitting than the national average.



EVs are still cars

Reducing vehicle travel is the most efficient way to address transportation emissions.



What's Your Experience With Electric Vehicles?

- ☐ No Experience
- ☐ Been for a ride, or have driven one
- ☐ Current EV owner



A Few Popular New EV Models

All-Electric Vehicles



Chevrolet Equinox

285 Miles
\$34k+



Nissan Leaf

259-303Miles
\$30k+



Hyundai Ioniq 5

220-300Miles
\$35k+

Plug-in Hybrid Vehicles



Toyota Prius Plug-in

39/550Miles
\$33k+



Hyundai Tucson PHEV

33/420Miles
\$39k+



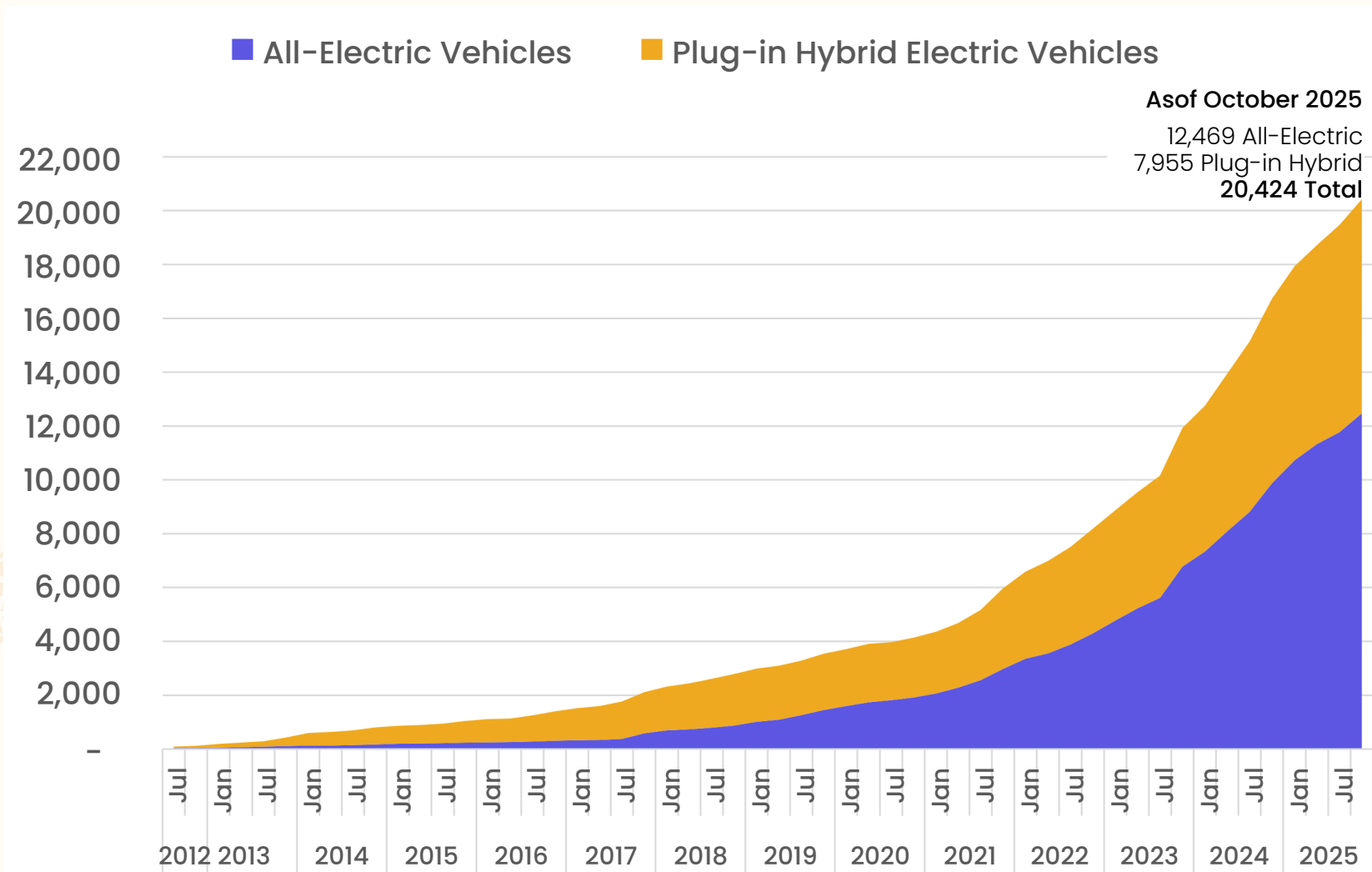
Toyota RAV4 Plug-in

42/600 Miles
\$44k+

<https://www.driveelectricvt.com/shopping/find-your-ev>

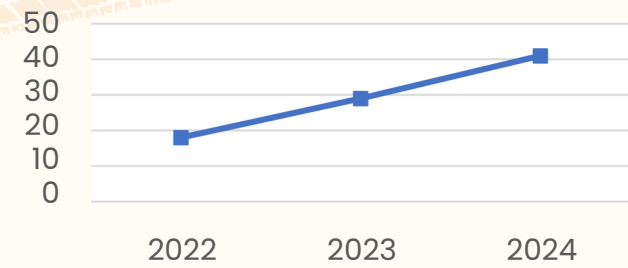


Vermont Electric Vehicle Registrations

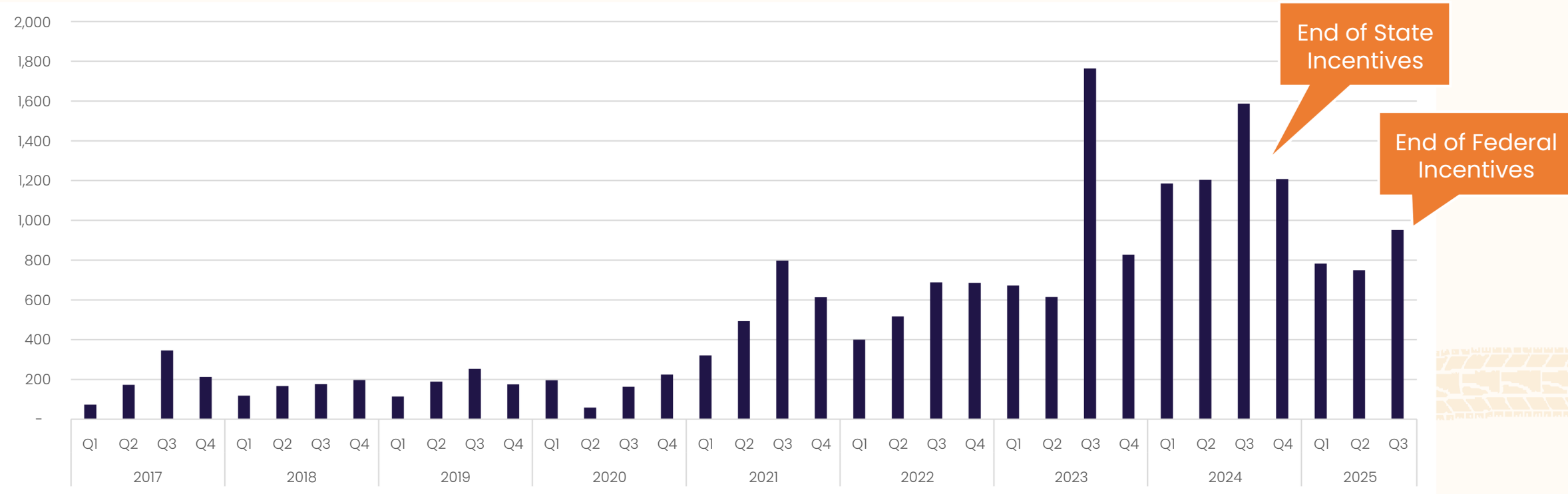


Efficiency Vermont's regional reports include municipal-level estimates for the past 3 years

Fairlee EV Registrations			
Vehicle Type	2022	2023	2024
All-Electric	11	16	23
PHEV	7	13	18
Total EVs	18	29	41



Vermont EV Registrations – Quarterly Net Increase



EV Incentives Overview

1. Federal Tax Credit

- a. Some new EVs eligible for up to \$7,500; Used is 30% up to \$4,000 for EVs \$25k or less
- b. Customers claim on income taxes (unless leasing); Dealer pass-through as of 1/1/2024
- c. Does not carry-over into future years; additional income eligibility requirements apply
- d. Ended for vehicle purchases on September 30, 2025
- e. Charging installation tax credit available in most areas through June 30, 2026

2. State of Vermont

- a. New EV incentives for income-eligible Vermonters up to \$5,000
- b. Used EV incentives for pre-approved income-eligible Vermonters, up to \$5,000 through MileageSmart
- c. Replace Your Ride incentives for income-eligible Vermonters – up to \$5,000 for old cars

State consumer EV incentive programs ended in 2024. No additional funds appropriated through July 2026.

3. Electric Utility Incentives

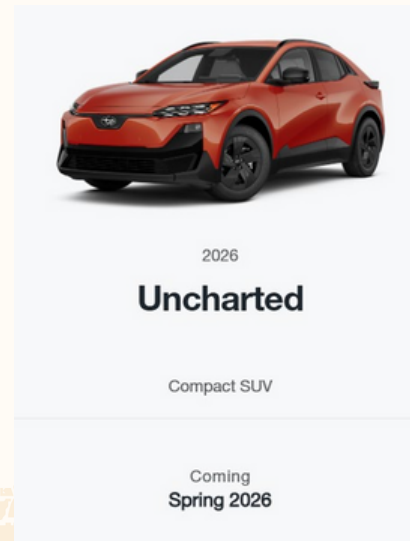
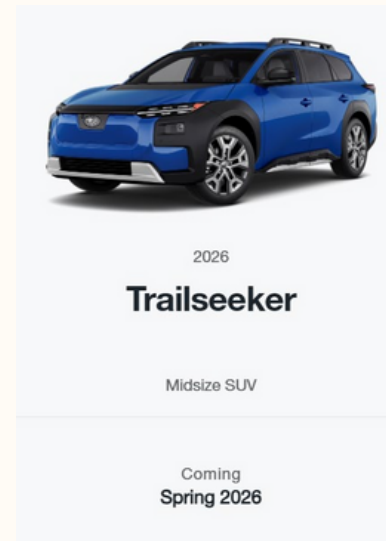
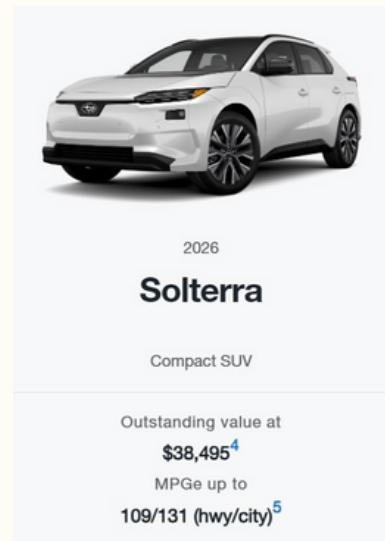
- a. Vary depending on the utility – up to \$5,700
- b. Burlington Electric, Green Mountain Power, and VPPSA offer dealer point-of-sale options



EV Pricing Shifts and New & Updated Models

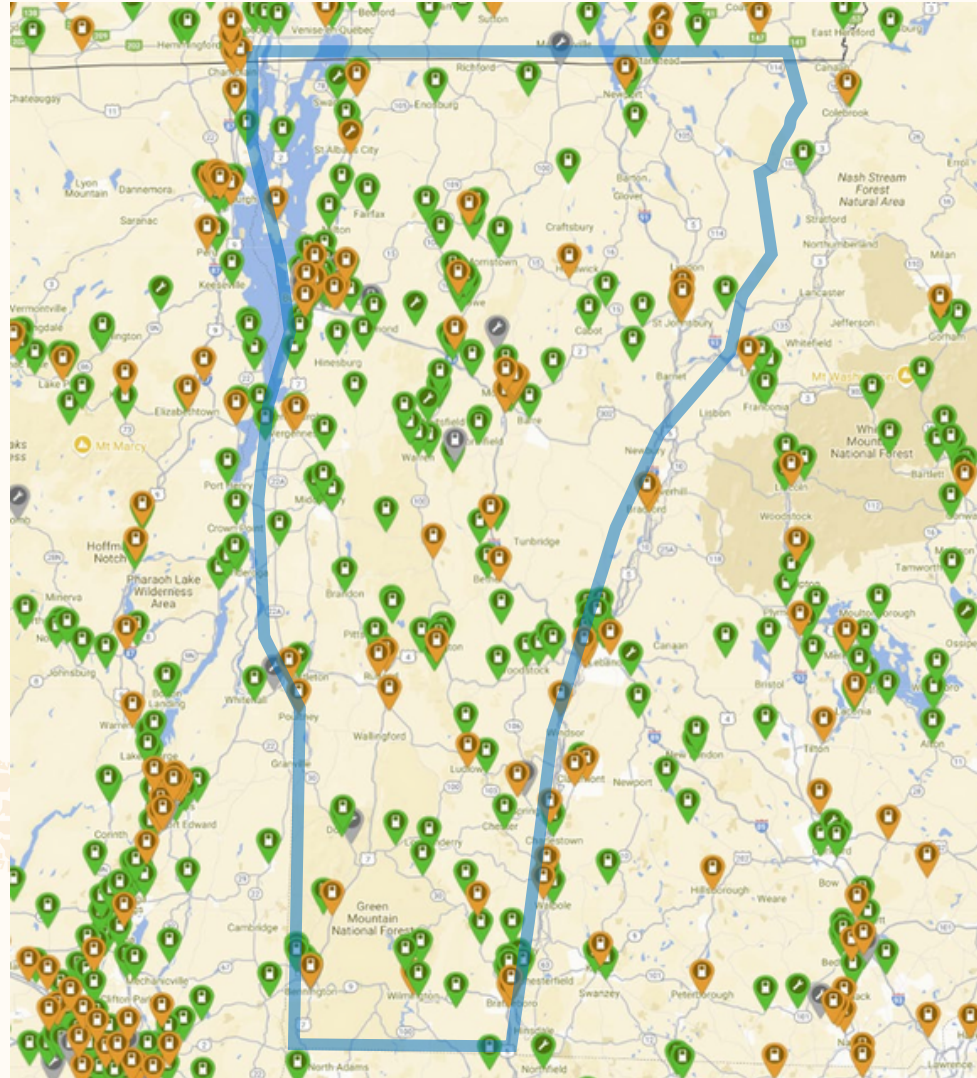
- Some EV lease deals remain available
 - \$200/month pricing for basic Hyundai/Kia models
 - \$259/month for Chevrolet Equinox
 - \$219/month for Ford Mustang Mach-E
- Automakers are adjusting prices
 - Hyundai Ioniq5 price dropped by \$7k for 2026 model year (\$35k base MSRP)
 - Toyota bZ dropped \$3k (\$36k base MSRP)
 - Tesla “standard” Model 3&Y price drops
- VT electric utility incentives can help cover lease down payments
- Deals change monthly
 - Tariff impacts to EV pricing are uncertain

Subaru's 2026 EVs



[Subaru Electric Vehicle Lineup | Solterra, Uncharted & Trailseeker](#)
[From \\$189 a month: 5 of the best EV lease deals in October | Electrek](#)

Public Charging Availability

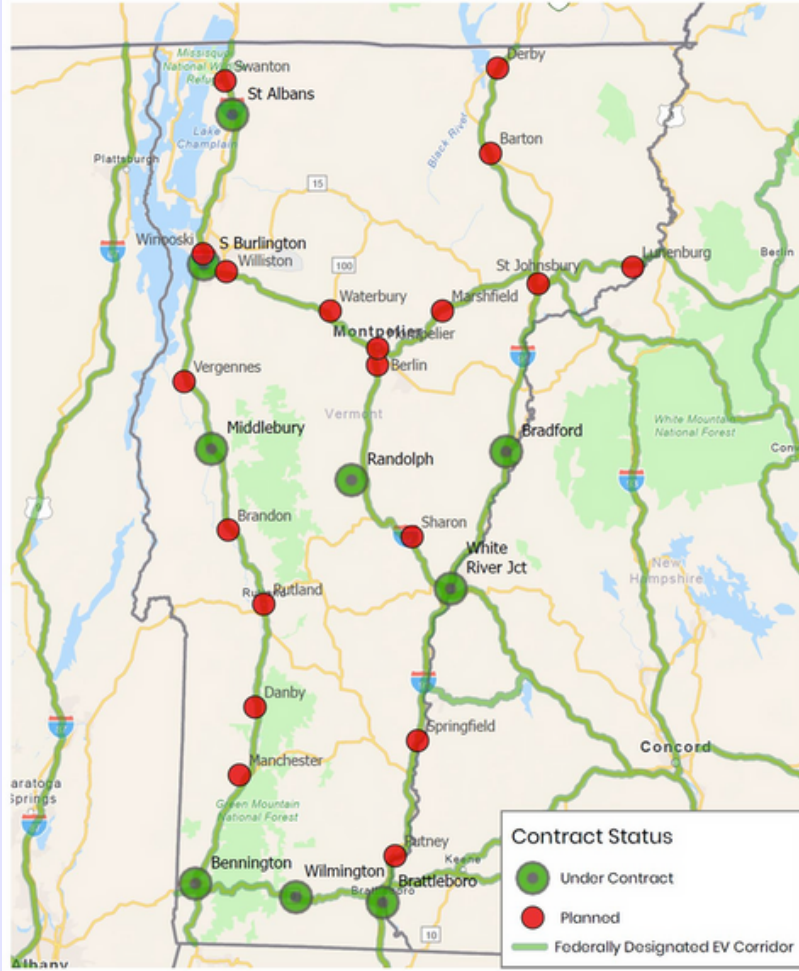


**517 Locations in
Vermont**

**94 with Fast
Charging (orange)**



VTrans EV Charging Status Map Vermont NEVI Priority Areas



Future State-Funded Charging

- Vermont has federally designated alternative fuel corridors covering all interstates plus US 7, VT 9 and part of US 2
- Federal infrastructure bill provided about \$20 million to VT for more fast charging along these corridors
- Four 150kW DCFC every 50 miles along corridors
- Upgraded Bradford location among the first National Electric Vehicle Infrastructure (NEVI) funded locations in the country
- Federal government recently issued new state guidance and Vermont is working to draw down these funds as quickly as possible
- Additional public and private investments continue expanding availability

Host sites needed for planned locations, including Manchester and Rutland

State-Funded Charge Vermont Opportunities

ACCD-DHCD contracted with GMP to administer State funds for:

- Multifamily
- Workplace
- Public attraction EV charging
- Limited funds remain for workplace and multifamily charging in 11 counties

County	Number of active and completed projects as of July 2025	Public Attraction Level 2 Funding	Workplace and Multi-unit Level 1 and 2 Funding
Addison	9	Fully subscribed	Funding available
Bennington	4	Fully subscribed	Funding available
Caledonia	7	Fully subscribed	Funding available
Chittenden	25	Fully subscribed	Fully subscribed
Essex	1	Fully subscribed	Funding available
Franklin	12	Fully subscribed	Funding available
Grand Isle	3	Fully subscribed	Funding available
Lamoille	9	Fully subscribed	Funding available
Orange	5	Fully subscribed	Funding available
Orleans	4	Fully subscribed	Funding available
Rutland	14	Fully subscribed	Funding available
Washington	20	Fully subscribed	Fully subscribed
Windham	22	Fully subscribed	Fully subscribed
Windsor	13	Fully subscribed	Funding nearly fully subscribed



Opportunities for Local Action

- Outreach
 - Events – In-person & virtual
 - Front Porch Forum
 - Social Media
 - Ambassadors
- Charging
 - Multifamily housing owners
 - Local businesses (especially tourist-oriented)
 - Municipal planning
 - Building requirements
- Local electrification
 - Support / use local electric shared mobility
 - Municipal light-duty vehicle electrification
 - School and Transit Bus electrification
 - Lawn care equipment
- State policy
 - Right-to-Charge
 - Incentive funding
 - Clean transportation programs and funding



[Contact Us – Drive Electric Vermont](#)



Discussion
