

## Summary of VTrans Electric Vehicle Planning & Action

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### Incentive Program for New PEVs:

(Enacted in [2019 Act 59, Sec. 34](#), as amended)

Program provides point-of-sale financial assistance up to \$4000 to eligible Vermonters for PEVs, with higher incentive amounts for lower-income households and for AEVs (All-Electric Vehicles).

- So far, **72%** of the incentive funding has supported AEV purchases, with **60%** of the incentive funding benefitting Vermonters at the lowest income levels
- **Nearly 1,500 incentives paid worth more than \$4 million to date**
- **\$12 million** approved in general funds in FY2023 transportation bill ([2022 Act 184, Sec. 5](#))

### MileageSmart:

(Enacted in [2019 Act 59, Sec. 34](#), as amended)

Program provides point-of-sale financial assistance through Vermont's Community Action Agencies to income-eligible Vermonters to purchase used electric or fuel-efficient vehicles. MileageSmart can contribute up to \$5,000 or 25% toward the purchase of a used high-miles-per-gallon (40 MPG or higher) vehicle by program participants.

- **More than 300 incentives worth over \$1 million**
- **\$3 million** approved in general funds in FY2023 transportation bill ([2022 Act 184, Sec. 5](#))

### eBike Incentive Program:

(Enacted in [2021 Act 55, Sec. 28](#))

Program provides point-of-sale or post-sale incentives up to \$400 or 50% of purchase price for income-eligible Vermonters to purchase an electric bicycle, with the higher incentive amounts for lower-income households. Launched July 2022, this is the first statewide program of its kind in the nation.

- So far, **214 incentives have been issued**, with **68%** of the incentive funding benefitting Vermonters at the lowest income levels
- **\$50,000** appropriated in 2021, **\$50,000** more in FY2023 transportation bill ([2022 Act 184, Sec. 5](#))

### Replace Your Ride:

(Enacted in [2021 Act 55, Sec. 27](#))

Program is **set to launch September 14, 2022**, and will provide up to \$3,000 for income-eligible Vermonters who retire a high-polluting gas vehicle in favor of cleaner transportation options (an EV, bike, e-bike, electric motorcycle, shared mobility services like carsharing or vanpooling, etc. or some combination of these). Vouchers can be used in combination with other incentive programs above to deepen affordability of cleaner options and bring them within closer reach of those with low incomes

- **\$1.5 million appropriated** in SFY2022
- **\$3 million** more authorized in this FY2023 transportation bill ([2022 Act 184, Sec. 5](#))

### EV Charging Infrastructure Programs:

- VTrans has formed an interagency workgroup with the Department of Housing and Community Development in the Agency of Commerce and Community Development, the Department of Environmental Conservation in the Agency of Natural Resources, and the Public Service Department to oversee EV charging deployment.
- With **\$2.8 million** in [VW Settlement Funds](#) and **\$750,000** in state capital funds (Enacted in [2020 Act 139, Sec. 12](#))
  - 11 new DC Fast Charger locations by the end of 2022, with another 6 planned for late 2022/early 2023 to fill in gaps in the highway corridor network;
  - 41 DC Fast Chargers, 85 Level 2s to extend public network
- [EVSE for Multi-Unit Dwellings](#): (Enacted in [2021 Act 55, Sec. 29](#)) Grant program launched in January 2022 funds multiple charging pilot projects at nonprofit affordable housing developments and beyond toward Vermont's EV adoption goals
  - **\$1 million awarded** in SFY2022
  - **13 grants for 37 locations with 84 Level 2 charging ports serving 6,230 households**
- **\$10 million** authorized in 2022 Big Bill ([Act 185, Sec. E.903](#)) for community charging (multi-unit dwellings, workplaces, community amenities)
- Longer-term [EVSE deployment plan](#) (Submitted July 2022) developed with VEIC to guide strategic investments in charging infrastructure statewide and meet [National Electric Vehicle Infrastructure](#) state plan requirements.
- **\$290,000** in FY2022 for [MUVES agreement](#) with Drive Electric Vermont (\$250k as authorized in [2021 Act 55, Sec. 17](#)) to conduct other research, outreach, and technical assistance activities to promote EV adoption and expand the market for PEVs. **\$2 million** more approved in 2022 Transportation bill ([2022 Act 184, Sec. 5](#))
- **\$6.25 million** authorized in 2022 transportation bill ([2022 Act 184, Sec. 3](#)) for fast charging on highway corridors (**\$21.2 million** from National Electric Vehicle Infrastructure Program over 5 years)

### Public Transit Electrification:

- Six consecutive successful FTA Low and No-Emission grant applications, resulting in **\$16,178,534** of federal funding (and \$2,827,641 in State and local match) and **25 electric transit buses**
- VTrans released its [Public Transit Electrification Plan](#) in January 2022 (pursuant to [2021 Act 55, Sec. 34](#))