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#### State Fleet Program Summary

- Fleet Management Services (FMS) provides centralized management and control of the State's vehicles, except for those exempt by statute or by Commissioner of Buildings & General Services.
- 29 agencies and departments are assigned vehicles which serve a variety of needs, from administrative travel to routine off-road use.
- Motor pool vehicles are provided at 7 locations throughout the state for short-term use and shared by all agencies and departments.
- Currently 35% of the 693-vehicle fleet is hybrid (HEV), plug-in hybrid (PHEV), or all-electric (AEV), increased from 25% of the fleet in 2023.
- Our mission is to provide safe, economical vehicles for state business use, and reduce the environmental impact of state travel.



#### Vermont Statute 29 V.S.A. § 903

 75% of new state fleet vehicles purchased annually must be hybrid or plug-in vehicles.

#### Vermont Zero Emission Vehicle Action Plan – 2014

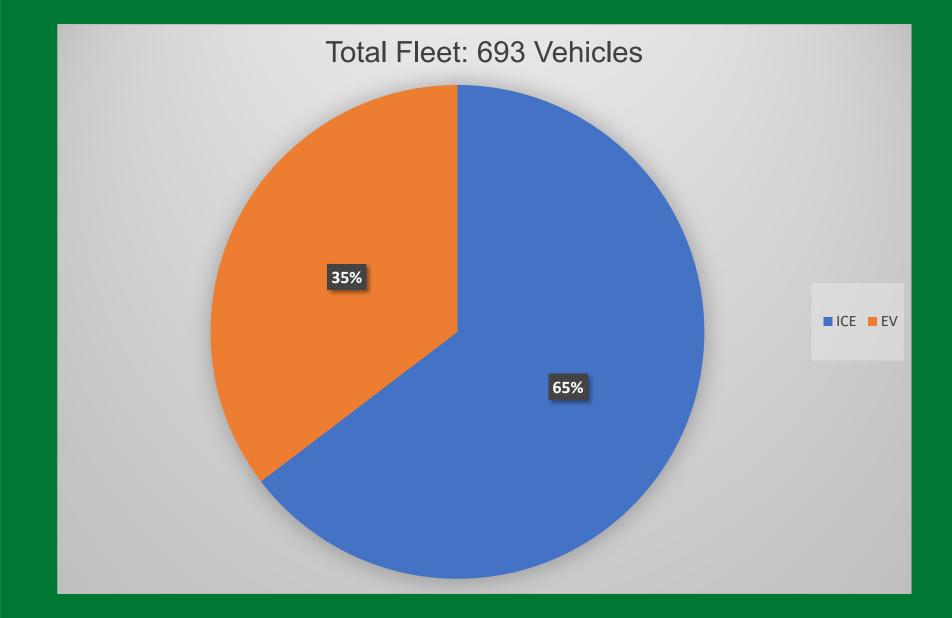
• 25% of new light-duty state fleet purchases and leases, for applicable uses, will be zero emission by 2025.

#### Vermont Comprehensive Energy Plan – 2022

- Vehicle electrification identified as a primary pathway to enable the state to meet its renewable energy goal.
- 100% of new light-duty vehicle sales in Vermont must be zero-emission by 2025.
- Reduce total transportation greenhouse gas emissions by 26% below 2005 levels by 2025, 40% below 1990 levels by 2030, and 80% below 1990 levels by 2025.

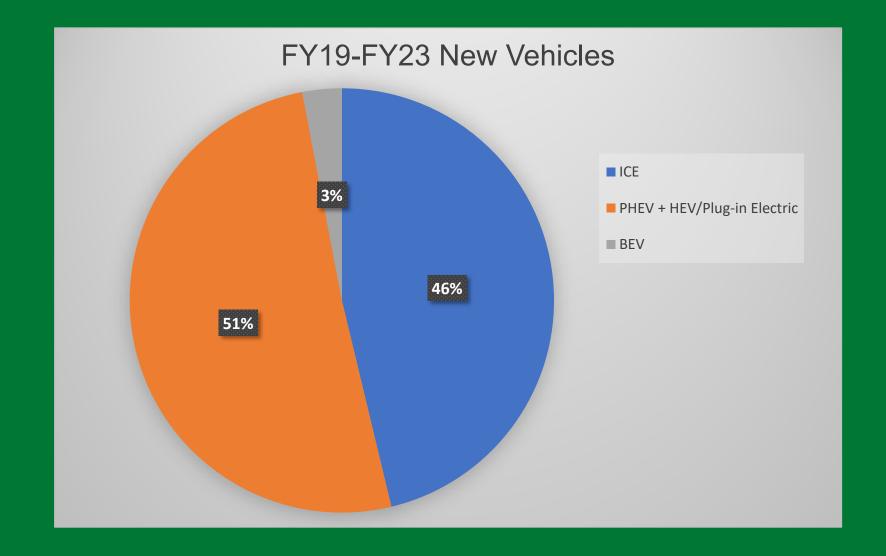


- ICE: Internal Combustion Engine
- EV: hybrid and fully electric vehicles



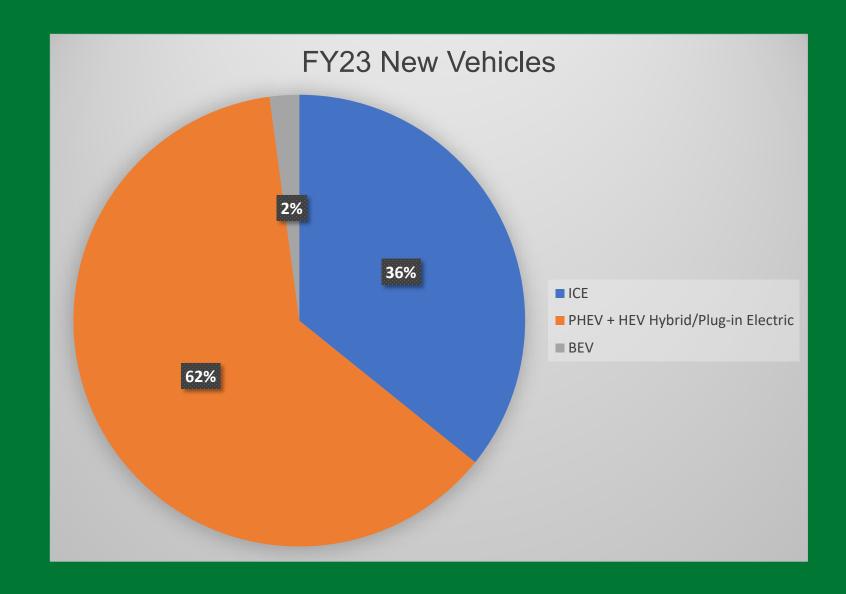


- ICE: Internal Combustion Engine
- PHEV: Plug-in hybrid electric vehicles
- HEV: Hybrid electric vehicles
- BEV: Battery electric vehicles (fully electric)

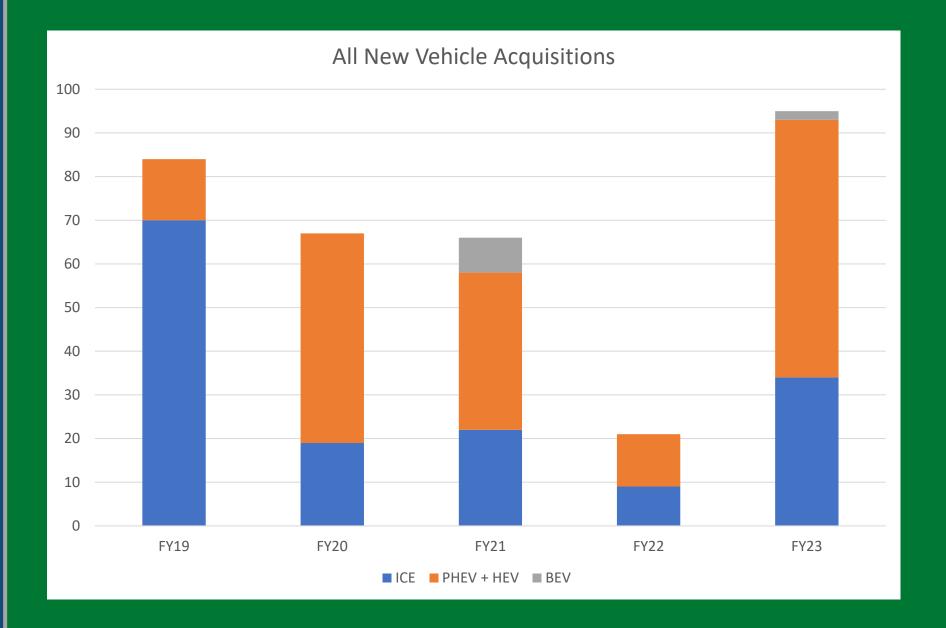




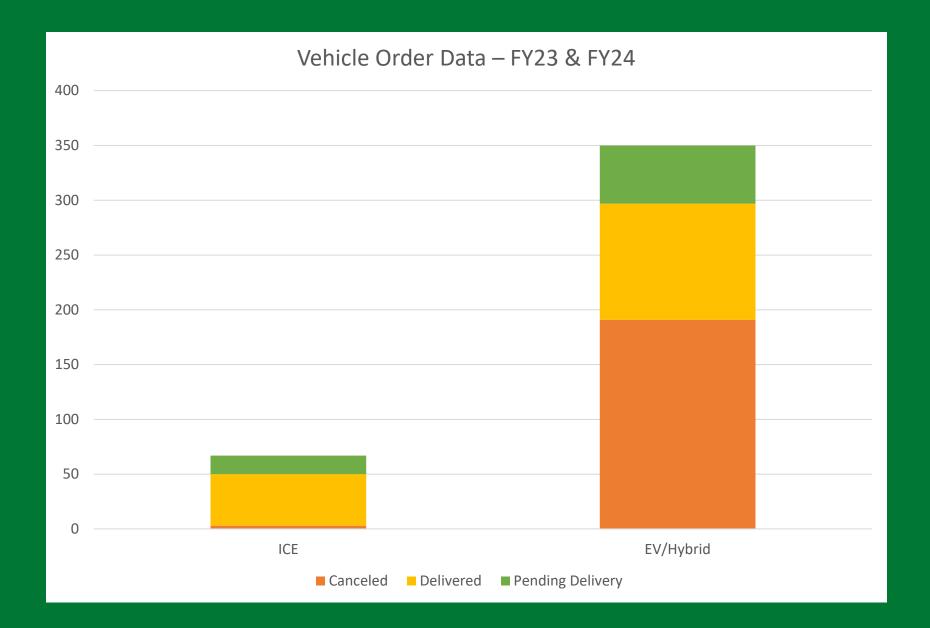
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#### Electric Vehicle and EVSE Deployment

Telematics Data
Collection

Primary parking location (state-owned, lease space or home-based)

Travel destinations and patterns

Miles traveled, trips and number of stops, speed, idling, fuel consumption

Use Considerations

Tow/haul frequency

% Off-Road Use

Emergency response

Vehicle Selection

Hybrid vs. Plug-in Hybrid vs. All-Electric

EV range – Extended vs. Standard Battery

Cost of Ownership and Model Availability



Building electrical supply capacity Dedicated parking and proximity to electric supply Sitework/Installation costs
Permitting/construction
schedules



#### **BGS-Owned Charging Stations**

