

Vermont ZEV and Plug-In Hybrid Registrations - Historical Data

	ZEV	PI Hybrid	Total	ZEV/Tot
Registered as of Oct 2015	235	811	1,046	0.225
Registered as of Jul 2017	381	1,387	1,768	0.215
CAGR* Oct 2015-Jul 2017	32%	36%	35%	
Registered as of Dec 2017	695	1,632	2,327	0.299
CAGR Oct 2015-Dec 2017	65%	38%	45%	

Vermont 2016 Comprehensive Energy Plan

VT CEP 2016 Plan pg 163: "annual sales of electric vehicles (plug-in hybrid and all-electric) will need to reach 4,600 by 2025, about 15% of the total annual sales of vehicles in the state each year. This goal aligns with the CEP's objective of making 10% of the state's fleet EVs by 2025".

Analysis from December 2017 Base

Assumptions	Year	Sales			Registered from 2017 base		
		ZEV	PI-Hybrid	Total	ZEV	PI-Hybrid	Total
ZEV annual sales growth rate* 30.0%	2017				695	1,632	2,327
PI-Hybrid* annual sales growth rate* 30.0%	2018	219	514	733	914	2,146	3,060
	2019	285	668	953	1,199	2,815	4,013
Ratio of ZEV to PI-Hybrid sales held constant at the ratio of ZEV to ZEV+PI-Hybrid registrations as of Dec 2017	2020	370	869	1,239	1,569	3,683	5,252
	2021	481	1,130	1,611	2,050	4,813	6,863
	2022	625	1,468	2,094	2,675	6,281	8,956
	2023	813	1,909	2,722	3,488	8,190	11,678
	2024	1,057	2,482	3,538	4,545	10,672	15,217
	2025	1,374	3,226	4,600	5,919	13,898	19,817

Annual Sales Rate PC & LDT*	2025 sales as pct of annual sales			2025 Registrations as pct total		
per Energy Plan Scenario	30,667	4.5%	10.5%	15.0%		
per VADA data*	41,600	3.3%	7.8%	11.1%		
Total Registrations PC & LDT*	571,000				1.0%	2.4%
						3.5%

*Notes

CAGR = Compound Annualized Growth Rate
 ZEV = Zero Emission Vehicles, i.e. all-electric
 PI-Hybrid = Plug-in Hybrid

PC= passenger cars / LDT = light duty trucks
 VADA = Vermont Auto Dealers Association
 Registration data from Vermont Dept of Motor Vehicles