



## The Plymouth EV Charging Story

The Town of Plymouth is a tourist destination, with a small budget that strives to improve energy efficiency and provide cost savings to the municipality and small businesses. The Town's Visitor Service Board has been looking to become more of a tourist destination and is working on plans to enhance the Plymouth's appeal. It views electric vehicles (EV's) and charging infrastructure as a *way of attracting an increasingly diverse demographic* to the Town. Toward this end, the first step was meeting with the Plymouth Office of Community Development and exploring acquisition of funds through the HUD Economic Development through Tourism Pilot Program.

Plymouth acquired the first EV charging unit for free as part of an American Recovery and Reinvestment Act grant, where the Plymouth Office of Community Development paid for the unit's installation and monitoring cost. The remaining six private property units utilized a Massachusetts State grant which covered 50% of the unit cost. Charge Point provided an additional 15% reduction of the remaining units' cost, with the Plymouth Office of Community Development funding the balance of unit cost and installation. The first unit was installed in 2014 on the top of Russell Street and was utilized approximately 500 times within the first year. Additional units were installed in May – June 2015 throughout the Town of Plymouth and have been extensively used to charge both resident and tourist electric vehicles. Subsequently, two EV charging stations have become permanent fixtures within the Downtown area; one located at the 26 Court Street (Town Hall) Cornish Lot and along Water Street, near East Bay Grille.

“As the popularity of electric vehicles grows, the accessibility of electric charging stations in public places gives communities an economic and environmental advantage,” said Patrick Farah, Plymouth's Energy Officer. “These stations provide drivers an incentive to come into places in our area where they can easily charge up while shopping, sightseeing or dining – and ultimately drive longer distances. We want to encourage electric vehicle drivers to visit America's Home Town, knowing they will be able to charge their cars while they enjoy their day as well as give employees of these companies an opportunity to seek alternative transportation options.”

EV vehicle owners (both residents and visitors) have the ability to "charge up" while visiting historic attractions; attending the cinema; shopping; dining out; whale watching; golfing; enjoying a short get away; or just visiting relatives and friends. There are no current plans to charge for the electricity provided to the electric vehicles, although this may change in the future. The Water Street EV charger location does require drivers to pay for metered parking spaces. The spaces can only be used while the electric vehicle is charging.

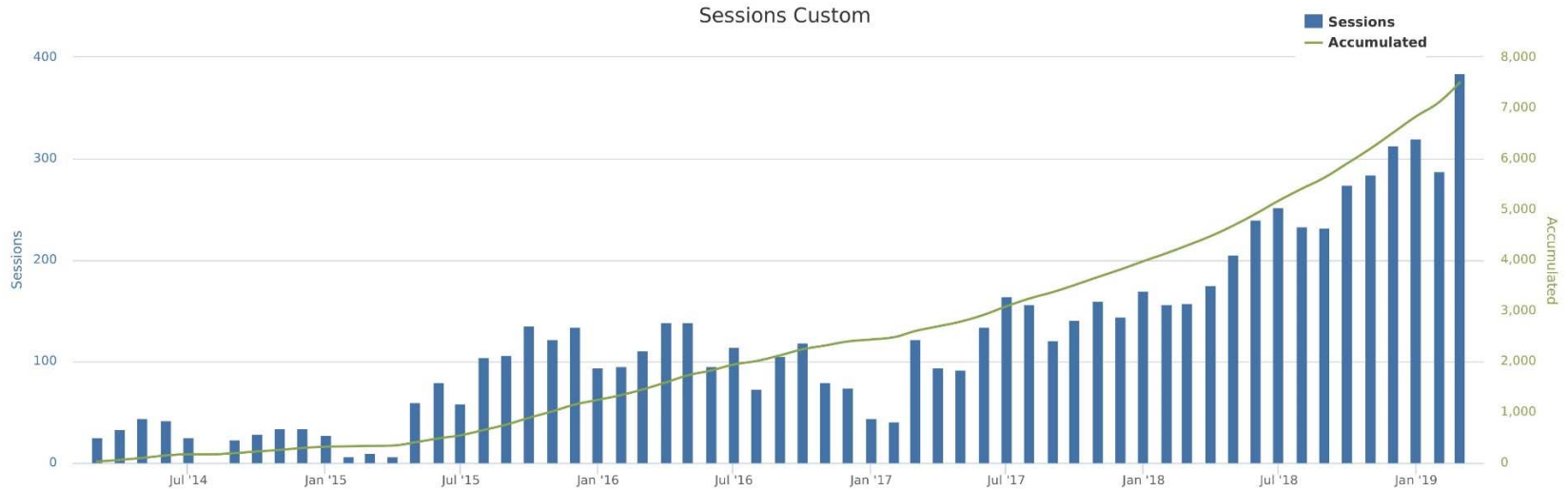
By partnering with public agencies and the private sector, the Town of Plymouth has successfully been able to attract electric vehicles on to the road locally, making this a viable transportation option. By continuing the effort, Plymouth seeks to increase local electric vehicle use, resulting in less local air pollution while boosting our local economy

<b>Plymouth-wide EV Charger Usage</b>	
<b>Month/Yr</b>	<b>Number of Unique Drivers</b>
Mar - 18	64
Apr - 18	73
May - 18	67
Jun - 18	80
Jul - 18	101
Aug - 18	96
Sep - 18	86
Oct - 18	91
Nov - 18	87
Dec - 18	99
Jan -19	81
Feb - 19	73
Mar - 19	96

Registered	193 Zip codes
Drivers from:	16 States including:
	AZ - Glendale
	CT - Hartford
	CT - Tolland
	FL - Sarasota
	GA - Duluth
	IL - Chicago
	MA - Amherst/various
	MD - Reisterstown
	NC - Hillborough
	NH - Nashua
	NJ - Maplewood
	NY - Brooklyn
	OH - Morrow
	PA - Gibsonia
	VA - Alexandria
	VT - West Wardsboro

## Plymouth-Wide Electric Vehicle (EV) Charger Usage

Five-year recording (monthly) from March 2014 – 26 charging sessions, through March 2019 – 385 charging sessions, respectively.



Five-year recording (monthly) from March 2014 – 77kg, through March 2019 – 1,172kg, of Greenhouse Gas emissions averted from the Earth's atmosphere.

