

## Plug-In Hybrid Electric Vehicle Operation Data Summary for 2011 Chevrolet Volt VIN 0914

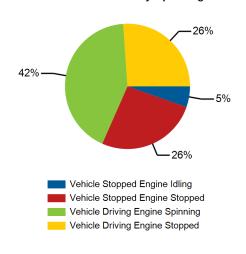
Reporting Period: February 2013 through September 2014

## All Trips<sup>1</sup>

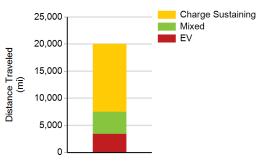
All Hips.	
Overall gasoline fuel economy (mpg) <sup>5</sup>	35
Overall DC electrical energy consumption (DC Wh/mi)	72
Total distance driven (mi)	20,027
Average trip distance (mi)	7
Percent of miles city   highway	63%   37%
Average ambient temperature (deg F)	
Percent of miles driven with air conditioning selected	98%
EV Trips <sup>2</sup>	
Overall gasoline fuel economy (mpg) <sup>5</sup>	N/A
Overall DC electrical energy consumption (DC Wh/mi)	349
Total distance driven (mi)	3,410
Average trip distance (mi)	4.4
Percent of miles city   highway	84%   16%
Average ambient temperature (deg F)	
Percent of miles driven with air conditioning selected	97%
Percent of total distance traveled	17%
Mixed-Mode Trips <sup>3</sup>	
Overall gasoline fuel economy (mpg) <sup>5</sup>	36
Overall DC electrical energy consumption (DC Wh/mi)	110
Total distance driven (mi)	4,090
Average trip distance (mi)	5.5
Percent of miles city   highway	64%   36%
Average ambient temperature (deg F)	
Percent of miles driven with air conditioning selected	98%
Percent of total distance traveled	20%
Charge Sustaining Trips⁴	
Overall gasoline fuel economy (mpg) <sup>5</sup>	27
Overall DC electrical energy consumption (DC Wh/mi)	-16
Total distance driven (mi)	12,527
Average trip distance (mi)	8.3
Percent of miles city   highway	58%   42%
Average ambient temperature (deg F)	
Percent of miles driven with air conditioning selected	98%
Percent of miles driven with air conditioning selected Percent of total distance traveled	98% 63%



## Percent of Drive Time by Operating Mode



## Distance Traveled By Trip Type



- 1. Calculated from on-board electronic data logged over 20,027 miles, which may be a subset of total lifetime miles driven.
- 2. Trips where the vehicle was propelled by battery energy only, using no gasoline.
- 3. Trips where gasoline was consumed by the engine, and net electrical energy was consumed from the battery to propel the vehicle.
- 4. Trips where gasoline was consumed by the engine to propel the vehicle, while the net electrical energy consumed from the battery was less than 1% of the gasoline energy consumed.
- Gasoline consumption calculated using Mass Air Flow and Commanded or Measured Air-Fuel Ratio read from OBD2 messages assuming AFRstoich = 14.7 and pgasoline = 2819 g/gal.