

## Plug-In Hybrid Electric Vehicle Operation Data Summary for 2013 Ford C-Max Energi VIN 0852

Reporting Period: June 2013 through September 2014

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

Overall gasoline fuel economy (mpg) <sup>5</sup>	43
Overall DC electrical energy consumption (DC Wh/mi)	19
Total distance driven (mi)	29,315
Average trip distance (mi)	10
Percent of miles city   highway	47%   53%
Average ambient temperature (deg F)	85.1
Percent of miles driven with air conditioning selected	91%



### EV Trips<sup>2</sup>

Overall gasoline fuel economy (mpg) <sup>5</sup>	N/A
Overall DC electrical energy consumption (DC Wh/mi)	312
Total distance driven (mi)	352
Average trip distance (mi)	1.7
Percent of miles city   highway	91%   9%
Average ambient temperature (deg F)	84.1
Percent of miles driven with air conditioning selected	93%
Percent of total distance traveled	1%

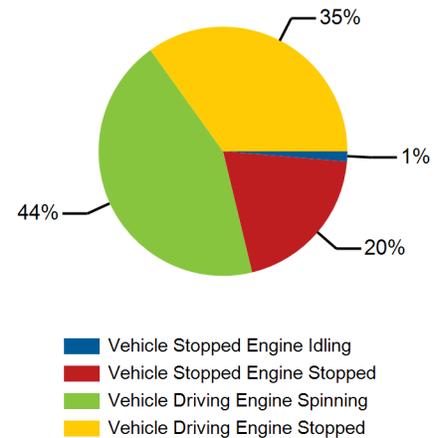
### Mixed-Mode Trips<sup>3</sup>

Overall gasoline fuel economy (mpg) <sup>5</sup>	53
Overall DC electrical energy consumption (DC Wh/mi)	90
Total distance driven (mi)	6,988
Average trip distance (mi)	8.1
Percent of miles city   highway	56%   44%
Average ambient temperature (deg F)	86.0
Percent of miles driven with air conditioning selected	89%
Percent of total distance traveled	24%

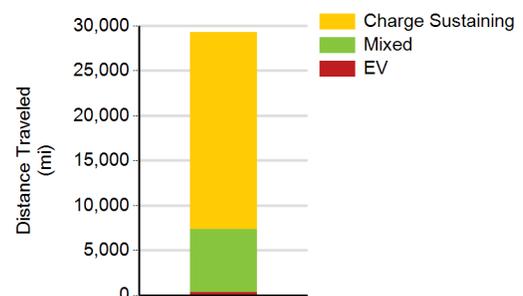
### Charge Sustaining Trips<sup>4</sup>

Overall gasoline fuel economy (mpg) <sup>5</sup>	40
Overall DC electrical energy consumption (DC Wh/mi)	-8
Total distance driven (mi)	21,975
Average trip distance (mi)	12.5
Percent of miles city   highway	43%   57%
Average ambient temperature (deg F)	84.7
Percent of miles driven with air conditioning selected	92%
Percent of total distance traveled	75%

Percent of Drive Time by Operating Mode



Distance Traveled By Trip Type



1. Calculated from on-board electronic data logged over 29,315 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.
5. Gasoline consumption calculated using Mass Air Flow and Commanded or Measured Air-Fuel Ratio read from OBD2 messages assuming  $AFR_{stoich} = 14.7$  and  $\rho_{gasoline} = 2819 \text{ g/gal}$ .