

USPS eLLV Conversion Fleet

Fleet Location: Washington D.C Metro Area

Reporting period: April 2011

Number of Vehicles: 4

Number of vehicle days driven: 47

All Trips Combined

Overall DC electrical energy consumption (DC Wh/mi)	447
Overall AC electrical energy consumption (AC Wh/mi) ¹	639
Average operating electricity cost (cents per mile) ²	7.2
Total number of trips	1,192
Total distance traveled (mi)	654
Average Trip Distance (mi)	0.5

Stop & Go Trips (>5 stops/mile)

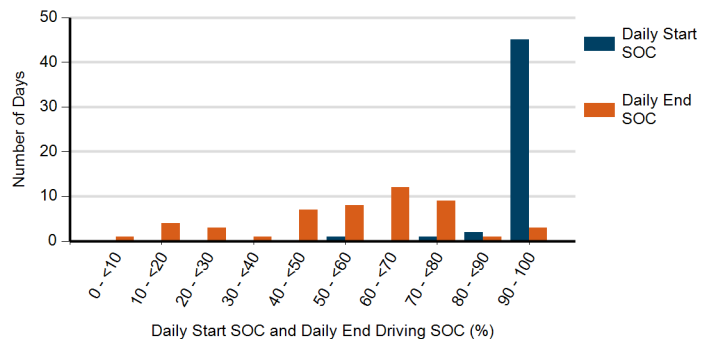
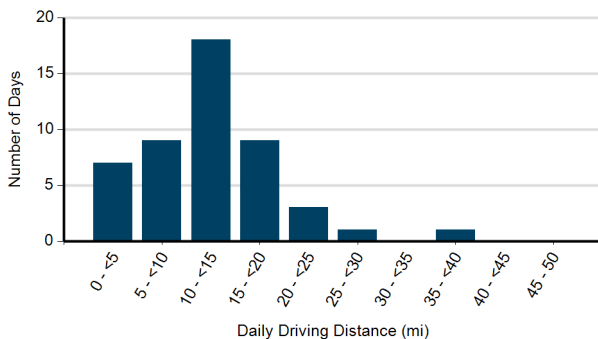
DC electrical energy consumption (DC Wh/mi)	480
Number of trips	1,098
Distance traveled (mi)	347
Percent of total distance traveled (%)	53%
Average Trip Distance (mi)	0.3
Average Driving Speed (mph)	4.4
Average Stops per mile	31.1
Percent of Regen Braking Energy Recovery (%)	15%

City Trips (≤ 5 stops/mile & <37 mph avg)

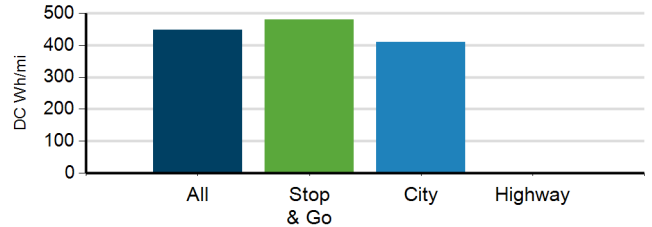
DC electrical energy consumption (DC Wh/mi)	410
Number of trips	94
Distance traveled (mi)	307
Percent of total distance traveled (%)	47%
Average Trip Distance (mi)	3.3
Average Driving Speed (mph)	20.7
Average Stops per mile	3.7
Percent of Regen Braking Energy Recovery (%)	11%

Highway Trips (≤ 5 stops/mile & ≥ 37 mph avg)

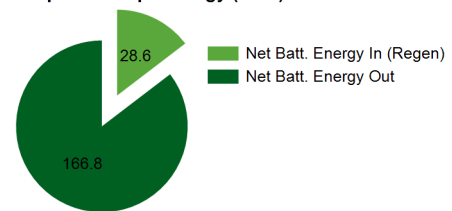
DC electrical energy consumption (DC Wh/mi)	0
Number of trips	0
Distance traveled (mi)	0
Percent of total distance traveled (%)	0%
Average Trip Distance (mi)	0.0
Average Driving Speed (mph)	0.0
Average Stops per mile	0.0
Percent of Regen Braking Energy Recovery (%)	0%



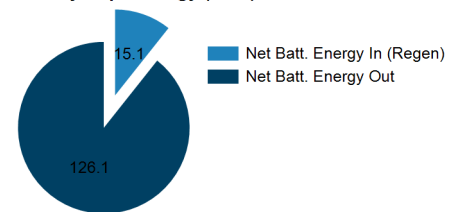
USPS eLLV Energy Consumption



Stop & Go Trips Energy (kWh)



City Trips Energy (kWh)



1. Calculation based upon average of the vehicles' roundtrip charging efficiency (70%)

2. From www.eia.gov, the national average cost of electricity is \$ 0.112 per AC kWhr. The gasoline powered LLV fleet averages 10 mpg.

NOTE: A trip is defined as all vehicle operation between key on and key off