

USPS eLLV Conversion Fleet

Fleet Location: Washington D.C Metro Area
Reporting period: June 2011

Number of Vehicles: 5
Number of vehicle days driven: 27

All Trips Combined

| | |
|--|-----|
| Overall DC electrical energy consumption (DC Wh/mi) | 452 |
| Overall AC electrical energy consumption (AC Wh/mi) ¹ | 646 |
| Average operating electricity cost (cents per mile) ² | 7.2 |
| Total number of trips | 639 |
| Total distance traveled (mi) | 394 |
| Average Trip Distance (mi) | 0.6 |

Stop & Go Trips (>5 stops/mile)

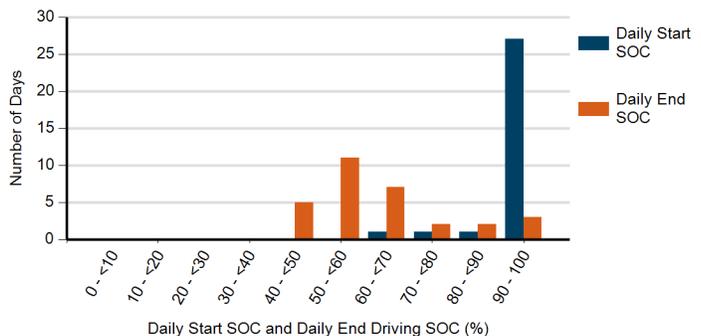
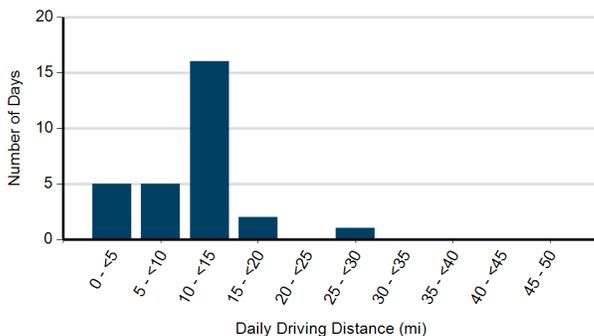
| | |
|--|------|
| DC electrical energy consumption (DC Wh/mi) | 505 |
| Number of trips | 601 |
| Distance traveled (mi) | 245 |
| Percent of total distance traveled (%) | 62% |
| Average Trip Distance (mi) | 0.4 |
| Average Driving Speed (mph) | 5.4 |
| Average Stops per mile | 34.8 |
| Percent of Regen Braking Energy Recovery (%) | 15% |

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

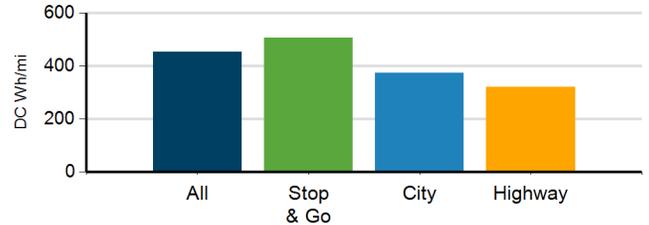
| | |
|--|------|
| DC electrical energy consumption (DC Wh/mi) | 373 |
| Number of trips | 35 |
| Distance traveled (mi) | 124 |
| Percent of total distance traveled (%) | 31% |
| Average Trip Distance (mi) | 3.5 |
| Average Driving Speed (mph) | 23.0 |
| Average Stops per mile | 3.7 |
| Percent of Regen Braking Energy Recovery (%) | 13% |

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

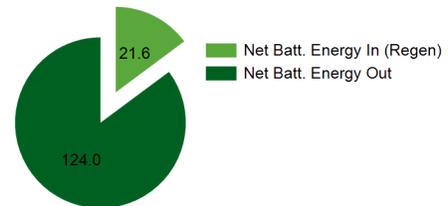
| | |
|--|------|
| DC electrical energy consumption (DC Wh/mi) | 319 |
| Number of trips | 3 |
| Distance traveled (mi) | 25 |
| Percent of total distance traveled (%) | 6% |
| Average Trip Distance (mi) | 8.5 |
| Average Driving Speed (mph) | 39.5 |
| Average Stops per mile | 3.3 |
| Percent of Regen Braking Energy Recovery (%) | 10% |



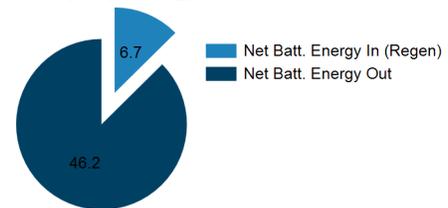
USPS eLLV Energy Consumption



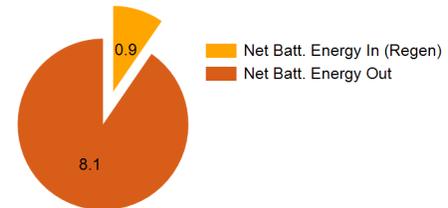
Stop & Go Trips Energy (kWh)



City Trips Energy (kWh)



Highway 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 kWh. The gasoline powered LLV fleet averages 10 mpg.

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