## EV Project Chevrolet Volt Vehicle Summary Report

Region: ALL
Number of vehicles: 1895
Reporting period: April 2013 through June 2013

## \#\#/ Project

| Vehicle Usage | 142 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 231 |
| Overall electrical energy consumption (AC Wh/mi) | 676,414 |
| Number of trips ${ }^{1}$ | $5,753,009$ |
| Total distance traveled (mi) | 8.3 |
| Avg trip distance (mi) |  |
| Avg distance traveled per day when the vehicle was driven (mi) | 41.0 |
| Avg number of trips between charging events | 3.3 |
| Avg distance traveled between charging events (mi) | 27.6 |
| Avg number of charging events per day when the vehicle was driven | 1.5 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 310 |
| Distance traveled (mi) | $4,289,168$ |
| Percent of total distance traveled | $74.6 \%$ |

Percent Distance Traveled By Operating Mode (EV/ERM)


Frequency of Charging by Charging Location and Type
Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  |  | 36.1 |
| :---: | :---: | :---: | :---: |
| AC electrical energy consumption (AC Wh/mi) |  |  | No Elec. Used |
| Distance traveled (mi) |  |  | 1,463,842 |
| Percent of total distance traveled |  |  | 25.4\% |
| Charging Location | Home charging location ${ }^{3}$ | Away-from-home charging locations ${ }^{4}$ | Unknown charging locations ${ }^{5}$ |
| Total number of charging events | 161,750 | 27,872 | 13,584 |
| Percent of all charging events | 80\% | 14\% | 7\% |




1. A trip is defined as all the driving done between consecutive "key-on" and "key-off" events when some distance was traveled.
2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Phoenix, AZ Metropolitan Area
Number of vehicles: 129
Reporting period: April 2013 through June 2013

| Vehicle Usage | 149 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 251 |
| Overall electrical energy consumption (AC Wh/mi) | 45,902 |
| Number of trips ${ }^{1}$ | 380,907 |
| Total distance traveled (mi) | 8.1 |
| Avg trip distance (mi) | 39.6 |
| Avg distance traveled per day when the vehicle was driven (mi) | 3.5 |
| Avg number of trips between charging events | 28.1 |
| Avg distance traveled between charging events (mi) | 1.4 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 328 |
| Distance traveled (mi) | 292,307 |
| Percent of total distance traveled | $76.7 \%$ |

Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  |  | 34.8 |
| :---: | :---: | :---: | :---: |
| AC electrical energy consumption (AC Wh/mi) |  |  | No Elec. Used |
| Distance traveled (mi) |  |  | 88,600 |
| Percent of total distance traveled |  |  | 23.3\% |
| Charging Location | Home charging location ${ }^{3}$ | Away-from-home charging locations ${ }^{4}$ | Unknown charging locations ${ }^{5}$ |
| Total number of charging events | 11,000 | 1,713 | 473 |
| Percent of all charging events | 83\% | 13\% | 4\% |

## =7/ Project

Percent Distance Traveled By Operating Mode (EV/ERM)


Frequency of Charging by Charging Location and Type



1. A trip is defined as all the driving done between consecutive "key-on" and "key-off" events when some distance was traveled.
2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Los Angeles, CA Metropolitan Area
Number of vehicles: 320
Reporting period: April 2013 through June 2013

## $=\mathbf{Z} / \mathbf{Z}$ Project

| Vehicle Usage | 142 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 236 |
| Overall electrical energy consumption (AC Wh/mi) | 118,758 |
| Number of trips ${ }^{1}$ | 941,685 |
| Total distance traveled (mi) | 7.7 |
| Avg trip distance (mi) | 39.0 |
| Avg distance traveled per day when the vehicle was driven (mi) | 3.7 |
| Avg number of trips between charging events | 28.4 |
| Avg distance traveled between charging events (mi) | 1.4 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 311 |
| Distance traveled (mi) | 714,086 |
| Percent of total distance traveled | $75.8 \%$ |

Percent Distance Traveled By Operating Mode (EV/ERM)


Frequency of Charging by Charging Location and Type
Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  | 34.2 <br> AC electrical energy consumption (AC Wh/mi) |  |
| :--- | :---: | ---: | ---: |
| Distance traveled (mi) |  | Noc. Used |  |
| Percent of total distance traveled |  | 227,599 |  |



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3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: San Diego, CA Metropolitan Area
Number of vehicles: 256
Reporting period: April 2013 through June 2013

## $=7 /$ Project

| Vehicle Usage | 124 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 228 |
| Overall electrical energy consumption (AC Wh/mi) | 89,190 |
| Number of trips ${ }^{1}$ | 762,937 |
| Total distance traveled (mi) | 8.2 |
| Avg trip distance (mi) |  |
| Avg distance traveled per day when the vehicle was driven (mi) | 40.2 |
| Avg number of trips between charging events | 3.6 |
| Avg distance traveled between charging events (mi) | 29.6 |
| Avg number of charging events per day when the vehicle was driven | 1.4 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 318 |
| Distance traveled (mi) | 548,594 |
| Percent of total distance traveled | $71.9 \%$ |



Frequency of Charging by Charging Location and Type
Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  |  | 34.8 |
| :---: | :---: | :---: | :---: |
| AC electrical energy consumption (AC Wh/mi) |  |  | No Elec. Used |
| Distance traveled (mi) |  |  | 214,343 |
| Percent of total distance traveled |  |  | 28.1\% |
| Charging Location | Home charging location ${ }^{3}$ | Away-from-home charging locations ${ }^{4}$ | Unknown charging locations ${ }^{5}$ |
| Total number of charging events | 19,710 | 3,565 | 1,559 |
| Percent of all charging events | 79\% | 14\% | 6\% |




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2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Washington, D.C. Metropolitan Area
Number of vehicles: 266
Reporting period: April 2013 through June 2013

| Vehicle Usage | 159 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 224 |
| Overall electrical energy consumption (AC Wh/mi) | 88,306 |
| Number of trips ${ }^{1}$ | 820,215 |
| Total distance traveled (mi) | 9.1 |
| Avg trip distance (mi) |  |
| Avg distance traveled per day when the vehicle was driven (mi) | 42.5 |
| Avg number of trips between charging events | 3.1 |
| Avg distance traveled between charging events (mi) | 27.9 |
| Avg number of charging events per day when the vehicle was driven | 1.5 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 295 |
| Distance traveled (mi) | 622,528 |
| Percent of total distance traveled | $75.9 \%$ |

Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  | 38.3 <br> AC electrical energy consumption (AC Wh/mi) |  |
| :--- | :---: | ---: | ---: |
| Distance traveled (mi) |  | No Elec. Used |  |

## =7/ Project



1. A trip is defined as all the driving done between consecutive "key-on" and "key-off" events when some distance was traveled.
2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Oregon
Number of vehicles: 130
Reporting period: April 2013 through June 2013

| Vehicle Usage | 166 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 239 |
| Overall electrical energy consumption (AC Wh/mi) | 45,795 |
| Number of trips ${ }^{1}$ | 366,636 |
| Total distance traveled (mi) | 7.8 |
| Avg trip distance (mi) |  |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 308 |
| Distance traveled (mi) | 284,575 |
| Percent of total distance traveled | $77.6 \%$ |

## $=7 /$ Project



Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  |  | 37.2 |
| :---: | :---: | :---: | :---: |
| AC electrical energy consumption (AC Wh/mi) |  |  | No Elec. Used |
| Distance traveled (mi) |  |  | 82,061 |
| Percent of total distance traveled |  |  | 22.4\% |
| Charging Location | Home charging location ${ }^{3}$ | Away-from-home charging locations ${ }^{4}$ | Unknown charging locations ${ }^{5}$ |
| Total number of charging events | 11,460 | 2,244 | 707 |
| Percent of all charging events | 80\% | 16\% | 5\% |



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3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Chattanooga, TN Metropolitan Area
Number of vehicles: 13
Reporting period: April 2013 through June 2013

## $=\mathbf{Z} / \mathbf{P r o j e c t}$

| Vehicle Usage | 96 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 175 |
| Overall electrical energy consumption (AC Wh/mi) | 4,526 |
| Number of trips ${ }^{1}$ | 52,311 |
| Total distance traveled (mi) | 11.4 |
| Avg trip distance (mi) |  |
| Avg distance traveled per day when the vehicle was driven (mi) | 52.5 |
| Avg number of trips between charging events | 3.5 |
| Avg distance traveled between charging events (mi) | 39.5 |
| Avg number of charging events per day when the vehicle was driven | 1.3 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 290 |
| Distance traveled (mi) | 31,535 |
| Percent of total distance traveled | $60.3 \%$ |



Frequency of Charging by Charging Location and Type
Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  |  | 38.1 |
| :---: | :---: | :---: | :---: |
| AC electrical energy consumption (AC Wh/mi) |  |  | No Elec. Used |
| Distance traveled (mi) |  |  | 20,777 |
| Percent of total distance traveled |  |  | 39.7\% |
| Charging Location | Home charging location ${ }^{3}$ | Away-from-home charging locations ${ }^{4}$ | Unknown charging locations ${ }^{5}$ |
| Total number of charging events | 859 | 35 | 409 |
| Percent of all charging events | 66\% | 3\% | 31\% |



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3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Knoxville, TN Metropolitan Area
Number of vehicles: 31
Reporting period: April 2013 through June 2013

## $=7 /$ Project

| Vehicle Usage | 138 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 219 |
| Overall electrical energy consumption (AC Wh/mi) | 10,648 |
| Number of trips ${ }^{1}$ | 91,471 |
| Total distance traveled (mi) | 8.4 |
| Avg trip distance (mi) |  |
| Avg distance traveled per day when the vehicle was driven (mi) | 43.4 |
| Avg number of trips between charging events | 3.3 |
| Avg distance traveled between charging events (mi) | 27.6 |
| Avg number of charging events per day when the vehicle was driven | 1.6 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 303 |
| Distance traveled (mi) | 66,290 |
| Percent of total distance traveled | $72.5 \%$ |



Frequency of Charging by Charging Location and Type
Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  | 37.9 <br> AC electrical energy consumption (AC Wh/mi) |  |
| :--- | :---: | ---: | ---: |
| Distance traveled (mi) |  | No Elec. Used |  |




1. A trip is defined as all the driving done between consecutive "key-on" and "key-off" events when some distance was traveled.
2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Memphis, TN Metropolitan Area
Number of vehicles: 31
Reporting period: April 2013 through June 2013

## $=7 /$ Project

| Vehicle Usage | 135 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 220 |
| Overall electrical energy consumption (AC Wh/mi) | 11,005 |
| Number of trips ${ }^{1}$ | 85,502 |
| Total distance traveled (mi) | 7.5 |
| Avg trip distance (mi) ${ }^{2}$ | 39.5 |
| Avg distance traveled per day when the vehicle was driven (mi) | 3.5 |
| Avg number of trips between charging events | 26.4 |
| Avg distance traveled between charging events (mi) | 1.5 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 301 |
| Distance traveled (mi) | 62,270 |
| Percent of total distance traveled | $72.8 \%$ |



Frequency of Charging by Charging Location and Type
Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  |  | 36.6 |
| :---: | :---: | :---: | :---: |
| AC electrical energy consumption (AC Wh/mi) |  |  | No Elec. Used |
| Distance traveled (mi) |  |  | 23,231 |
| Percent of total distance traveled |  |  | 27.2\% |
| Charging Location | Home charging location ${ }^{3}$ | Away-from-home charging locations ${ }^{4}$ | Unknown charging locations ${ }^{5}$ |
| Total number of charging events | 2,494 | 261 | 387 |
| Percent of all charging events | 79\% | 8\% | 12\% |



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2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Nashville, TN Metropolitan Area
Number of vehicles: 50
Reporting period: April 2013 through June 2013

## $=7 /$ Project

| Vehicle Usage | 139 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 223 |
| Overall electrical energy consumption (AC Wh/mi) | 17,325 |
| Number of trips ${ }^{1}$ | 151,829 |
| Total distance traveled (mi) | 8.6 |
| Avg trip distance (mi) |  |
| Avg distance traveled per day when the vehicle was driven (mi) | 43.4 |
| Avg number of trips between charging events | 3.3 |
| Avg distance traveled between charging events (mi) | 28.6 |
| Avg number of charging events per day when the vehicle was driven | 1.5 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 304 |
| Distance traveled (mi) | 111,302 |
| Percent of total distance traveled | $73.3 \%$ |



Frequency of Charging by Charging Location and Type
Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  |  | 37.1 |
| :---: | :---: | :---: | :---: |
| AC electrical energy consumption (AC Wh/mi) |  |  | No Elec. Used |
| Distance traveled (mi) |  |  | 40,527 |
| Percent of total distance traveled |  |  | 26.7\% |
| Charging Location | Home charging location ${ }^{3}$ | Away-from-home charging locations ${ }^{4}$ | Unknown charging locations ${ }^{5}$ |
| Total number of charging events | 4,004 | 667 | 511 |
| Percent of all charging events | 77\% | 13\% | 10\% |



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2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Dallas/Ft. Worth, TX Metropolitan Area
Number of vehicles: 177
Reporting period: April 2013 through June 2013

## $=7 /$ Project

| Vehicle Usage | 135 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 232 |
| Overall electrical energy consumption (AC Wh/mi) | 64,699 |
| Number of trips ${ }^{1}$ | 562,428 |
| Total distance traveled (mi) | 8.5 |
| Avg trip distance (mi) |  |
| Avg distance traveled per day when the vehicle was driven (mi) | 42.3 |
| Avg number of trips between charging events | 3.1 |
| Avg distance traveled between charging events (mi) | 26.5 |
| Avg number of charging events per day when the vehicle was driven | 1.6 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 316 |
| Distance traveled (mi) | 412,072 |
| Percent of total distance traveled | $73.3 \%$ |

Percent Distance Traveled By Operating Mode (EV/ERM)


Frequency of Charging by Charging Location and Type
Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  |  | 36.2 |
| :---: | :---: | :---: | :---: |
| AC electrical energy consumption (AC Wh/mi) |  |  | No Elec. Used |
| Distance traveled (mi) |  |  | 150,356 |
| Percent of total distance traveled |  |  | 26.7\% |
| Charging Location | Home charging location | Away-from-home charging locations ${ }^{4}$ | Unknown charging locations ${ }^{5}$ |
| Total number of charging events | 17,027 | 2,375 | 1,409 |
| Percent of all charging events | 82\% | 11\% | 7\% |



1. A trip is defined as all the driving done between consecutive "key-on" and "key-off" events when some distance was traveled.
2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Houston, TX Metropolitan Area
Number of vehicles: 73
Reporting period: April 2013 through June 2013

## $=7 /$ Project

| Vehicle Usage | 126 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 223 |
| Overall electrical energy consumption (AC Wh/mi) | 25,480 |
| Number of trips ${ }^{1}$ | 228,499 |
| Total distance traveled (mi) | 8.8 |
| Avg trip distance (mi) |  |
| Avg distance traveled per day when the vehicle was driven (mi) | 42.7 |
| Avg number of trips between charging events | 3.3 |
| Avg distance traveled between charging events (mi) | 29.2 |
| Avg number of charging events per day when the vehicle was driven | 1.5 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 312 |
| Distance traveled (mi) | 163,475 |
| Percent of total distance traveled | $71.5 \%$ |

Percent Distance Traveled By Operating Mode (EV/ERM)


Frequency of Charging by Charging Location and Type
Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  | 36.0 <br> AC electrical energy consumption (AC Wh/mi) |  |
| :--- | :---: | ---: | ---: |
| Distance traveled (mi) |  | No Elec. Used |  |



1. A trip is defined as all the driving done between consecutive "key-on" and "key-off" events when some distance was traveled.
2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Washington State
Number of vehicles: 160
Reporting period: April 2013 through June 2013

| Vehicle Usage | 165 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 248 |
| Overall electrical energy consumption (AC Wh/mi) | 58,313 |
| Number of trips ${ }^{1}$ | 457,052 |
| Total distance traveled (mi) | 7.7 |
| Avg trip distance (mi) | 38.0 |
| Avg distance traveled per day when the vehicle was driven (mi) | 3.2 |
| Avg number of trips between charging events | 24.4 |
| Avg distance traveled between charging events (mi) | 1.6 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 319 |
| Distance traveled (mi) | 355,203 |
| Percent of total distance traveled | $77.7 \%$ |

Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  | 36.7 <br> AC electrical energy consumption (AC Wh/mi) |  |
| :--- | :--- | :--- | ---: |
| Distance traveled (mi) |  |  |  | No Elec. Used

## \#/VProject

Percent Distance Traveled By Operating Mode (EV/ERM)


Frequency of Charging by Charging Location and Type



1. A trip is defined as all the driving done between consecutive "key-on" and "key-off" events when some distance was traveled.
2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Chicago, IL Metropolitan Area
Number of vehicles: 128
Reporting period: April 2013 through June 2013

## $=7 /$ Project

| Vehicle Usage | 158 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 232 |
| Overall electrical energy consumption (AC Wh/mi) | 49,905 |
| Number of trips ${ }^{1}$ | 426,959 |
| Total distance traveled (mi) | 8.4 |
| Avg trip distance (mi) |  |
| Avg distance traveled per day when the vehicle was driven (mi) | 43.6 |
| Avg number of trips between charging events | 3.1 |
| Avg distance traveled between charging events (mi) | 2.9 |
| Avg number of charging events per day when the vehicle was driven | 1.7 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 303 |
| Distance traveled (mi) | 327,104 |
| Percent of total distance traveled | $76.6 \%$ |

Percent Distance Traveled By Operating Mode (EV/ERM)


Frequency of Charging by Charging Location and Type
Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  |  | 37.0 |
| :---: | :---: | :---: | :---: |
| AC electrical energy consumption (AC Wh/mi) |  |  | No Elec. Used |
| Distance traveled (mi) |  |  | 99,855 |
| Percent of total distance traveled |  |  | 23.4\% |
| Charging Location | Home charging location ${ }^{3}$ | Away-from-home charging locations ${ }^{4}$ | Unknown charging locations ${ }^{5}$ |
| Total number of charging events | 12,857 | 2,298 | 1,097 |
| Percent of all charging events | 79\% | 14\% | 7\% |



1. A trip is defined as all the driving done between consecutive "key-on" and "key-off" events when some distance was traveled.
2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Atlanta, GA Metropolitan Area
Number of vehicles: 72
Reporting period: April 2013 through June 2013

## \#\#/ Project

| Vehicle Usage | 124 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 217 |
| Overall electrical energy consumption (AC Wh/mi) | 23,900 |
| Number of trips ${ }^{1}$ | 233,409 |
| Total distance traveled (mi) | 9.4 |
| Avg trip distance (mi) |  |
| Avg distance traveled per day when the vehicle was driven (mi) | 44.6 |
| Avg number of trips between charging events | 3.2 |
| Avg distance traveled between charging events (mi) | 30.3 |
| Avg number of charging events per day when the vehicle was driven | 1.5 |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 308 |
| Distance traveled (mi) | 164,396 |
| Percent of total distance traveled | $70.4 \%$ |



Frequency of Charging by Charging Location and Type
Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  | 36.7 <br> AC electrical energy consumption (AC Wh/mi) |  |
| :--- | :---: | ---: | ---: |
| Distance traveled (mi) |  | No Elec. Used |  |



1. A trip is defined as all the driving done between consecutive "key-on" and "key-off" events when some distance was traveled.
2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
5. Charging events at "unknown charging locations" were performed when the vehicle's location relative to its "home charging location" is not known, due to GPS data anomalies.

## EV Project Chevrolet Volt Vehicle Summary Report

Region: Philadelphia, PA Metropolitan Area
Number of vehicles: 51
Reporting period: April 2013 through June 2013

## $=7 /$ Project

| Vehicle Usage | 118 |
| :--- | ---: |
| Overall gasoline fuel economy (mpg) | 201 |
| Overall electrical energy consumption (AC Wh/mi) | 19,889 |
| Number of trips ${ }^{1}$ | 166,817 |
| Total distance traveled (mi) | 8.2 |
| Avg trip distance (mi) |  |

Electric Vehicle Mode (EV) Operation

| Gasoline fuel economy (mpg) | No Fuel Used |
| :--- | ---: |
| AC electrical energy consumption (AC Wh/mi) | 296 |
| Distance traveled (mi) | 113,379 |
| Percent of total distance traveled | $68.0 \%$ |

Percent Distance Traveled By Operating Mode (EV/ERM)


Frequency of Charging by Charging Location and Type
Extended Range Mode (ERM) Operation

| Gasoline fuel economy (mpg) |  | 37.7 <br> AC electrical energy consumption (AC Wh/mi) |  |
| :--- | :--- | ---: | ---: |
| Distance traveled (mi) |  | No Elec. Used |  |



1. A trip is defined as all the driving done between consecutive "key-on" and "key-off" events when some distance was traveled.
2. Averages shown in this report are based on a subset of the total miles traveled.
3. Charging events at the "home charging location" refer to charging events performed at the location where the vehicle owner's home charging unit is installed.
4. Charging events at "away-from-home charging locations" refer to charging events performed at any location other than the vehicle's "home charging location."
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