EV Project Electric Vehicle Charging Infrastructure Summary Report

THE EV Project

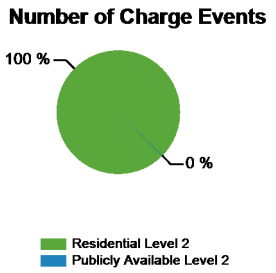
Region: ALL

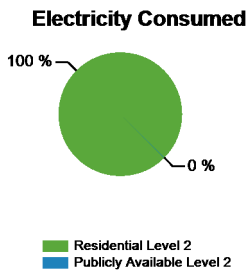
Report period: April 2011 through June 2011

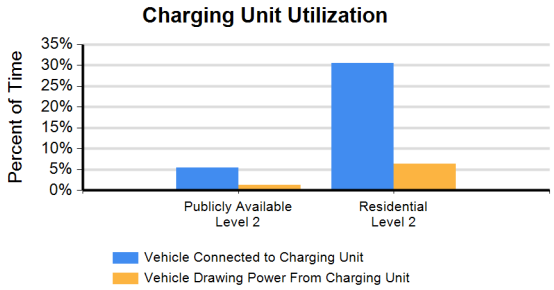
Number of EV Project vehicles in region: 956

Charging Unit Usage

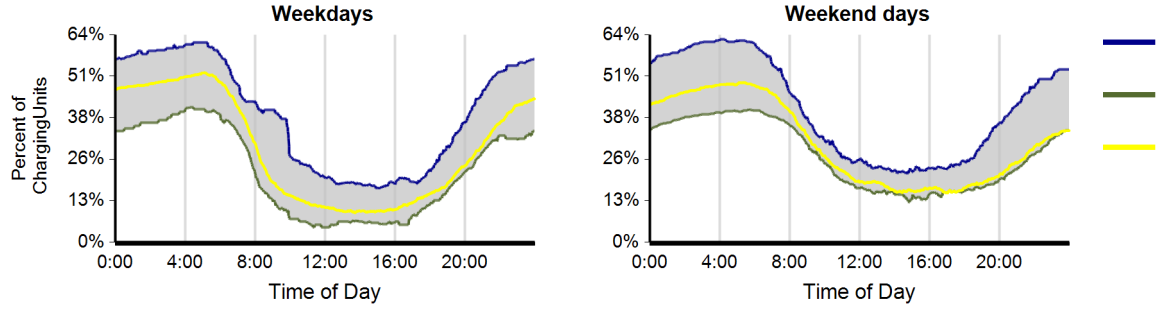
	Residential Level 2	Private Nonresidential Level 2	Publicly Available Level 2	Publicly Available DC Fast	Total
Number of charging units[1]	955	0	11	0	966
Number of charging events[2]	35,134	0	56	0	35,190
Electricity consumed (AC MWh)	248.96	0.00	0.25	0.00	249.22
Percent of time with a vehicle connected to charging unit	30%	0%	5%	0%	30%
Percent of time with a vehicle drawing power from charging unit	6%	0%	1%	0%	6%



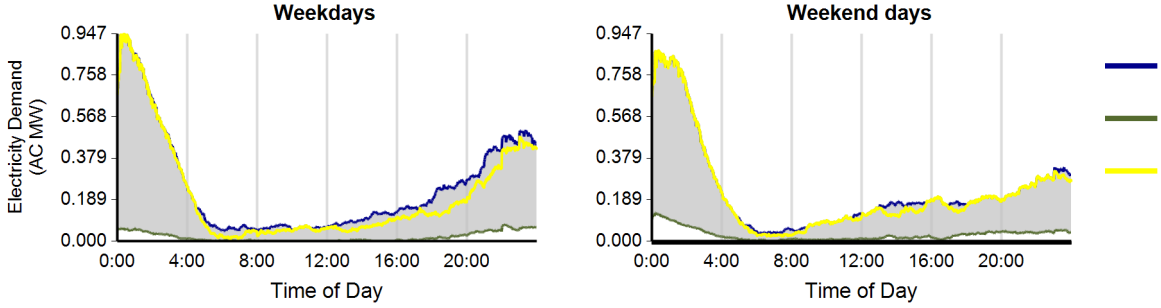




Charging Availability: Range of Percent of Charging Units with a Vehicle Connected versus Time of Day[3]



Charging Demand: Range of Aggregate Electricity Demand versus Time of Day[4]



[1] Includes all charging units that were in use by the end of the reporting period

[2] A charging event is defined as the period when a vehicle is connected to a charging unit, during which period some power is transferred

[3] Considers the connection status of all charging units every minute

[4] Based on 15 minute rolling average power output from all charging units

Residential Level 2 Electric Vehicle Supply Equipment (EVSE)

Region: ALL

Report period: April 2011 through June 2011

EVSE Usage

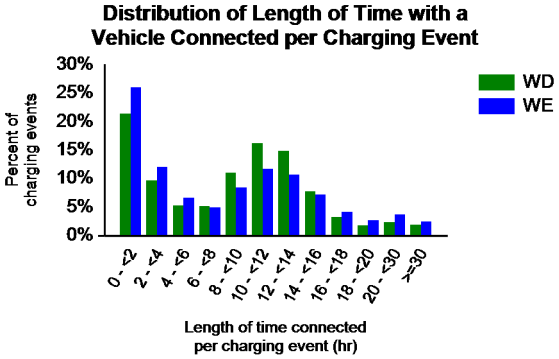
	Weekday	Weekend	Overall
Number of charging events	25,222	9,912	35,134
Electricity consumed (AC MWh)	186.67	62.30	248.96
Percent of time with a vehicle connected to EVSE	30%	32%	30%
Percent of time with a vehicle drawing power from EVSE	6%	6%	6%
Average number of charging events started per EVSE per day	0.78	0.79	0.78
Average number of distinct vehicles charged per EVSE per day (EV Project vehicles only)	1.0	1.0	1.0

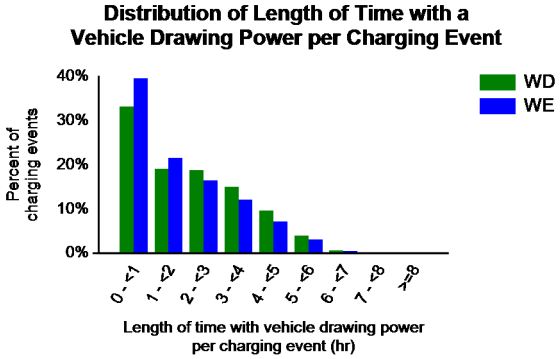
Vehicles Charged

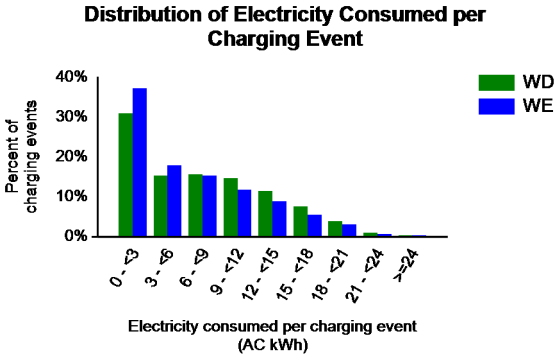
	Nissan Leaf	Chevrolet Volt	Non-EV Project vehicles
Percent of charging events	100%	0%	0%
Percent of electricity consumed	100%	0%	0%

Individual Charging Event Statistics

	Weekday (WD)	Weekend (WE)	Overall
Average length of time with vehicle connected per charging event (hr)	9.5	9.2	9.4
Average length of time with vehicle drawing power per charging event (hr)	2.1	1.8	2.0
Average electricity consumed per charging event (AC kWh)	7.4	6.3	7.1







EV Project Electric Vehicle Charging Infrastructure Summary Report

THE EV Project

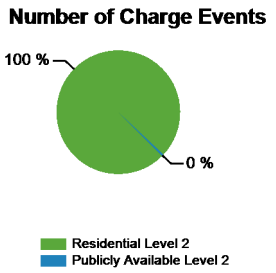
Region: Phoenix, AZ Metropolitan Area

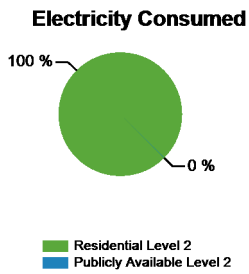
Report period: April 2011 through June 2011

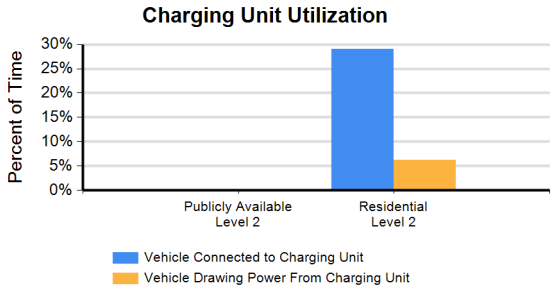
Number of EV Project vehicles in region: 82

Charging Unit Usage

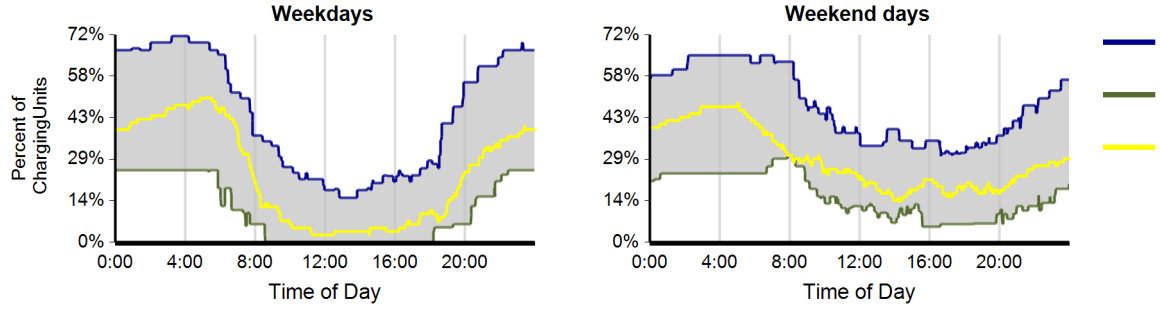
	Residential Level 2	Private Nonresidential Level 2	Publicly Available Level 2	Publicly Available DC Fast	Total
Number of charging units[1]	82	0	0	0	82
Number of charging events[2]	3,202	0	16	0	3,218
Electricity consumed (AC MWh)	20.88	0.00	0.02	0.00	20.90
Percent of time with a vehicle connected to charging unit	29%	0%	0%	0%	28%
Percent of time with a vehicle drawing power from charging unit	6%	0%	0%	0%	6%



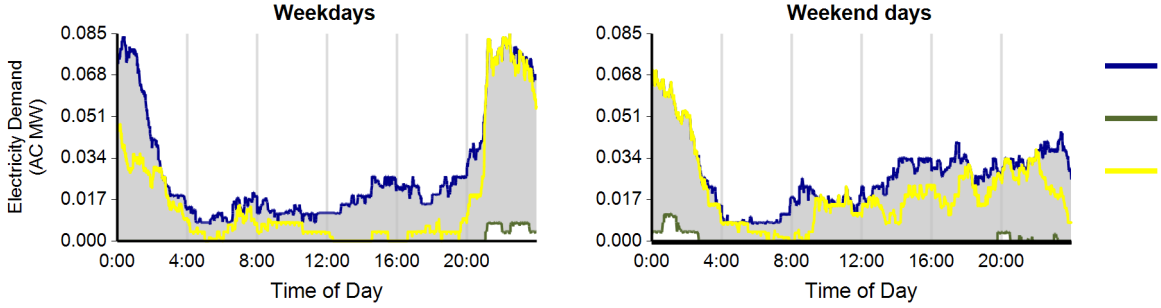




Charging Availability: Range of Percent of Charging Units with a Vehicle Connected versus Time of Day[3]



Charging Demand: Range of Aggregate Electricity Demand versus Time of Day[4]



[1] Includes all charging units that were in use by the end of the reporting period

[2] A charging event is defined as the period when a vehicle is connected to a charging unit, during which period some power is transferred

[3] Considers the connection status of all charging units every minute

[4] Based on 15 minute rolling average power output from all charging units

Residential Level 2 Electric Vehicle Supply Equipment (EVSE)

Region: Phoenix, AZ Metropolitan Area

Report period: April 2011 through June 2011

EVSE Usage

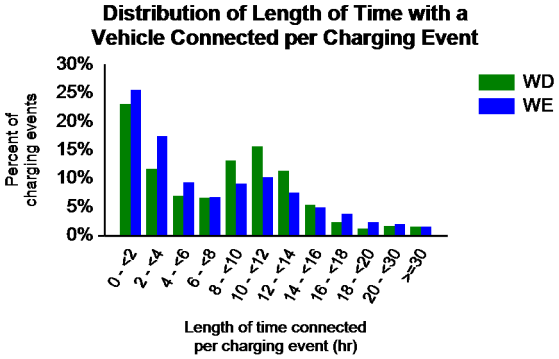
	Weekday	Weekend	Overall
Number of charging events	2,238	964	3,202
Electricity consumed (AC MWh)	15.55	5.33	20.88
Percent of time with a vehicle connected to EVSE	28%	31%	28%
Percent of time with a vehicle drawing power from EVSE	6%	6%	6%
Average number of charging events started per EVSE per day	0.80	0.89	0.82
Average number of distinct vehicles charged per EVSE per day (EV Project vehicles only)	1.0	1.0	1.0

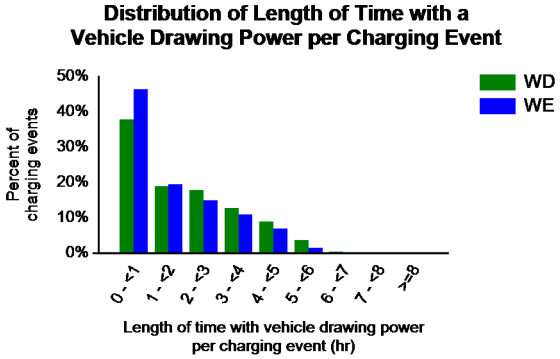
Vehicles Charged

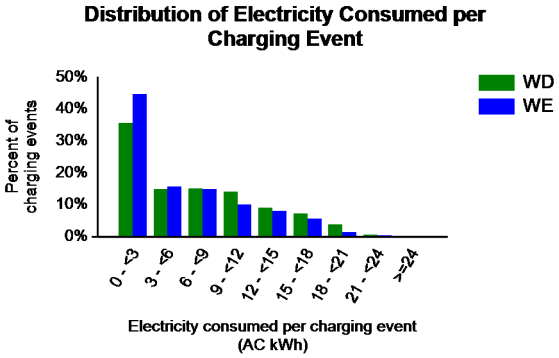
	Nissan Leaf	Chevrolet Volt	Non-EV Project vehicles
Percent of charging events	100%	0%	0%
Percent of electricity consumed	100%	0%	0%

Individual Charging Event Statistics

	Weekday (WD)	Weekend (WE)	Overall
Average length of time with vehicle connected per charging event (hr)	8.8	7.7	8.4
Average length of time with vehicle drawing power per charging event (hr)	1.9	1.6	1.8
Average electricity consumed per charging event (AC kWh)	6.9	5.5	6.5





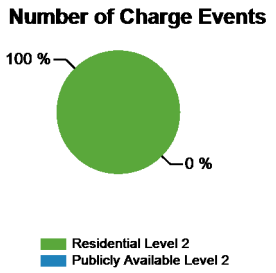


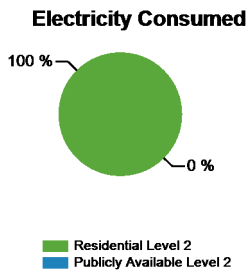
EV Project Electric Vehicle Charging Infrastructure Summary Report

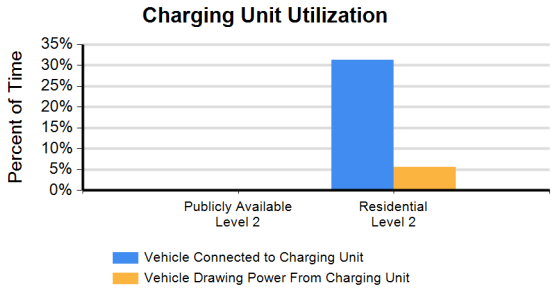
Region: Tucson, AZ Metropolitan Area
Report period: April 2011 through June 2011
Number of EV Project vehicles in region: 22

Charging Unit Usage

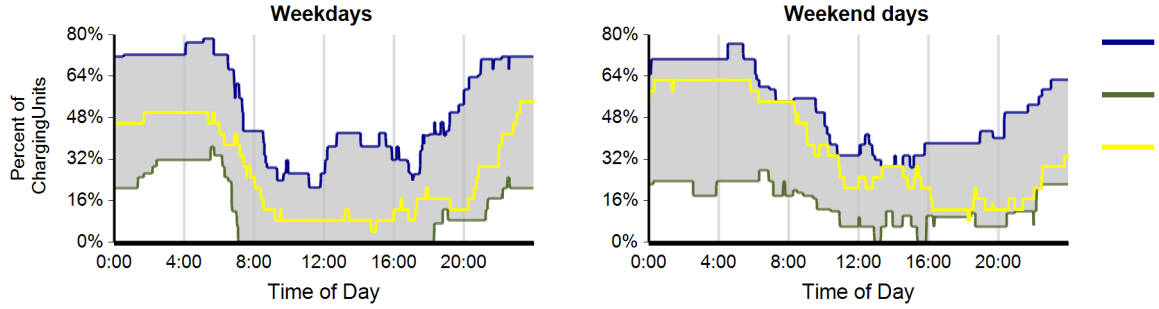
	Residential Level 2	Private Nonresidential Level 2	Publicly Available Level 2	Publicly Available DC Fast	Total
Number of charging units[1]	22	0	0	0	22
Number of charging events[2]	1,060	0	0	0	1,060
Electricity consumed (AC MWh)	6.49	0.00	0.00	0.00	6.49
Percent of time with a vehicle connected to charging unit	31%	0%	0%	0%	31%
Percent of time with a vehicle drawing power from charging unit	6%	0%	0%	0%	6%



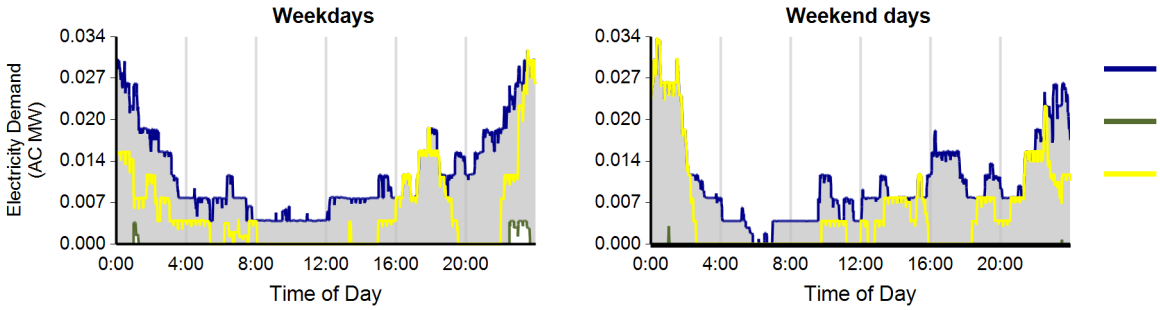




Charging Availability: Range of Percent of Charging Units with a Vehicle Connected versus Time of Day[3]



Charging Demand: Range of Aggregate Electricity Demand versus Time of Day[4]



[1] Includes all charging units that were in use by the end of the reporting period

[2] A charging event is defined as the period when a vehicle is connected to a charging unit, during which period some power is transferred

[3] Considers the connection status of all charging units every minute

[4] Based on 15 minute rolling average power output from all charging units

Residential Level 2 Electric Vehicle Supply Equipment (EVSE)

Region: Tucson, AZ Metropolitan Area

Report period: April 2011 through June 2011

EVSE Usage

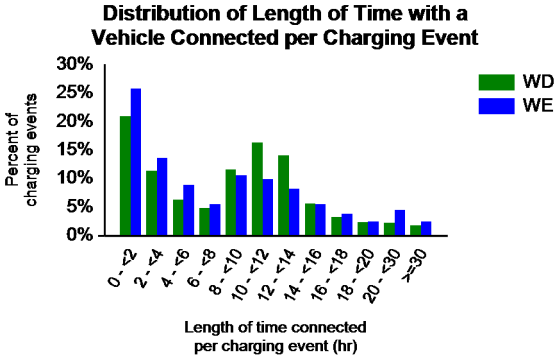
	Weekday	Weekend	Overall
Number of charging events	779	281	1,060
Electricity consumed (AC MWh)	5.02	1.47	6.49
Percent of time with a vehicle connected to EVSE	31%	33%	31%
Percent of time with a vehicle drawing power from EVSE	6%	5%	6%
Average number of charging events started per EVSE per day	0.83	0.76	0.81
Average number of distinct vehicles charged per EVSE per day (EV Project vehicles only)	1.0	1.0	1.0

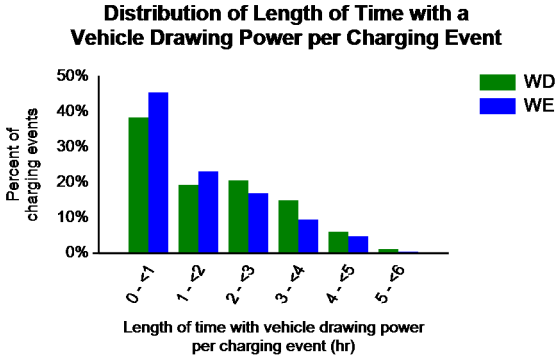
Vehicles Charged

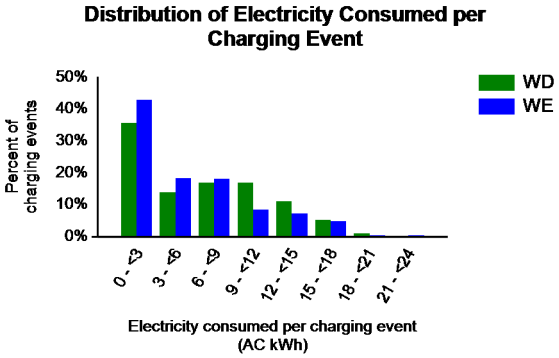
	Nissan Leaf	Chevrolet Volt	Non-EV Project vehicles
Percent of charging events	100%	0%	0%
Percent of electricity consumed	100%	0%	0%

Individual Charging Event Statistics

	Weekday (WD)	Weekend (WE)	Overall
Average length of time with vehicle connected per charging event (hr)	9.4	9.1	9.3
Average length of time with vehicle drawing power per charging event (hr)	1.8	1.4	1.7
Average electricity consumed per charging event (AC kWh)	6.4	5.2	6.1







EV Project Electric Vehicle Charging Infrastructure Summary Report

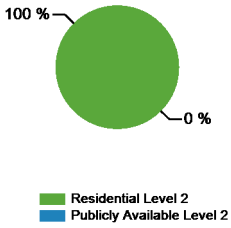
THE EV Project

Region: Los Angeles, CA Metropolitan Area
Report period: April 2011 through June 2011
Number of EV Project vehicles in region: 103

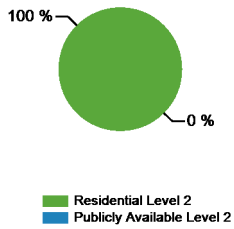
Charging Unit Usage

	Residential Level 2	Private Nonresidential Level 2	Publicly Available Level 2	Publicly Available DC Fast	Total
Number of charging units[1]	102	0	0	0	102
Number of charging events[2]	3,365	0	0	0	3,365
Electricity consumed (AC MWh)	22.84	0.00	0.00	0.00	22.84
Percent of time with a vehicle connected to charging unit	26%	0%	0%	0%	26%
Percent of time with a vehicle drawing power from charging unit	5%	0%	0%	0%	5%

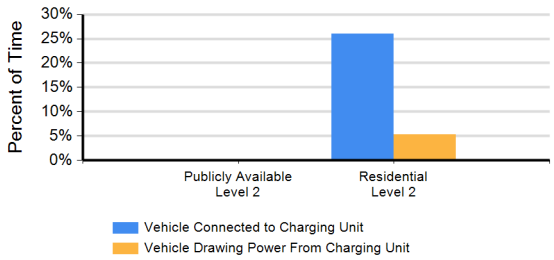
Number of Charge Events



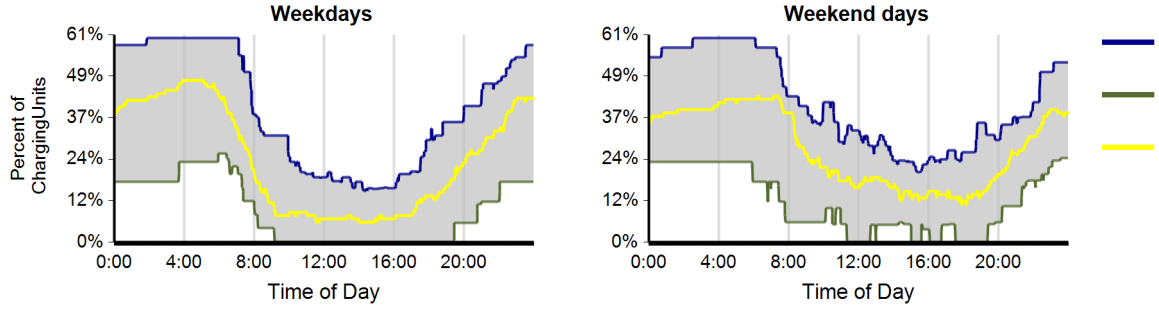
Electricity Consumed



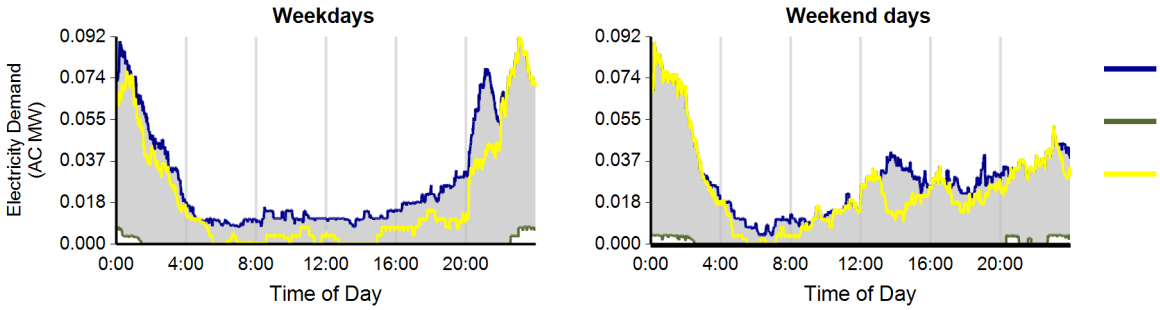
Charging Unit Utilization



Charging Availability: Range of Percent of Charging Units with a Vehicle Connected versus Time of Day[3]



Charging Demand: Range of Aggregate Electricity Demand versus Time of Day[4]



[1] Includes all charging units that were in use by the end of the reporting period

[2] A charging event is defined as the period when a vehicle is connected to a charging unit, during which period some power is transferred

[3] Considers the connection status of all charging units every minute

[4] Based on 15 minute rolling average power output from all charging units

Residential Level 2 Electric Vehicle Supply Equipment (EVSE)

Region: Los Angeles, CA Metropolitan Area
Report period: April 2011 through June 2011

EVSE Usage

	Weekday	Weekend	Overall
Number of charging events	2,372	993	3,365
Electricity consumed (AC MWh)	16.72	6.12	22.84
Percent of time with a vehicle connected to EVSE	25%	28%	26%
Percent of time with a vehicle drawing power from EVSE	5%	5%	5%
Average number of charging events started per EVSE per day	0.67	0.72	0.69
Average number of distinct vehicles charged per EVSE per day (EV Project vehicles only)	1.0	1.0	1.0

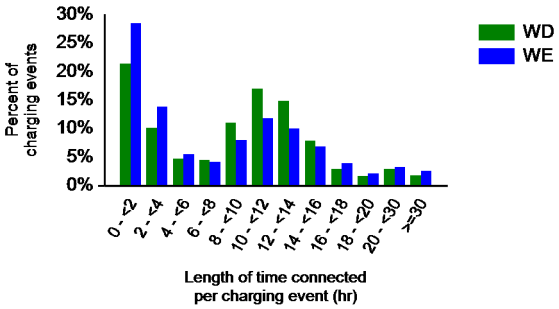
Vehicles Charged

	Nissan Leaf	Chevrolet Volt	Non-EV Project vehicles
Percent of charging events	100%	0%	0%
Percent of electricity consumed	100%	0%	0%

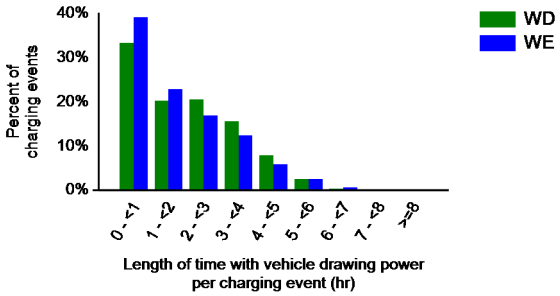
Individual Charging Event Statistics

	Weekday (WD)	Weekend (WE)	Overall
Average length of time with vehicle connected per charging event (hr)	9.4	8.7	9.2
Average length of time with vehicle drawing power per charging event (hr)	2.0	1.7	1.9
Average electricity consumed per charging event (AC kWh)	7.0	6.2	6.8

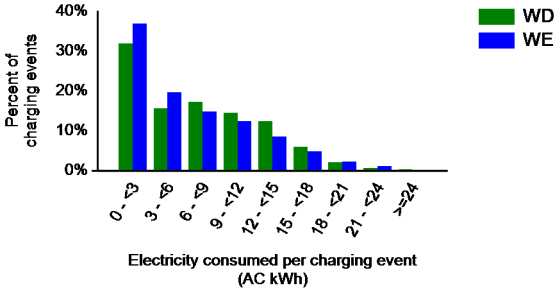
Distribution of Length of Time with a Vehicle Connected per Charging Event



Distribution of Length of Time with a Vehicle Drawing Power per Charging Event



Distribution of Electricity Consumed per Charging Event

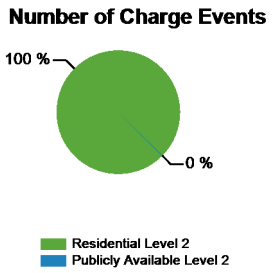


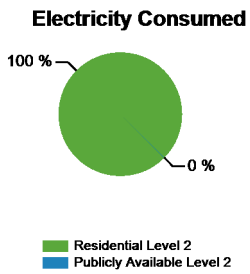
EV Project Electric Vehicle Charging Infrastructure Summary Report

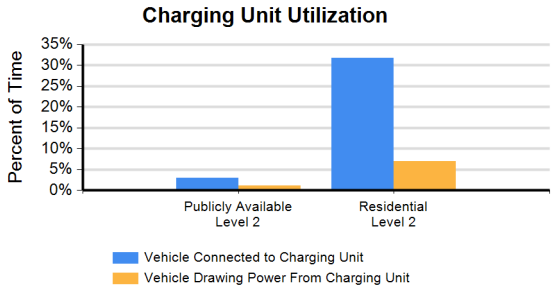
Region: San Diego, CA Metropolitan Area
Report period: April 2011 through June 2011
Number of EV Project vehicles in region: 240

Charging Unit Usage

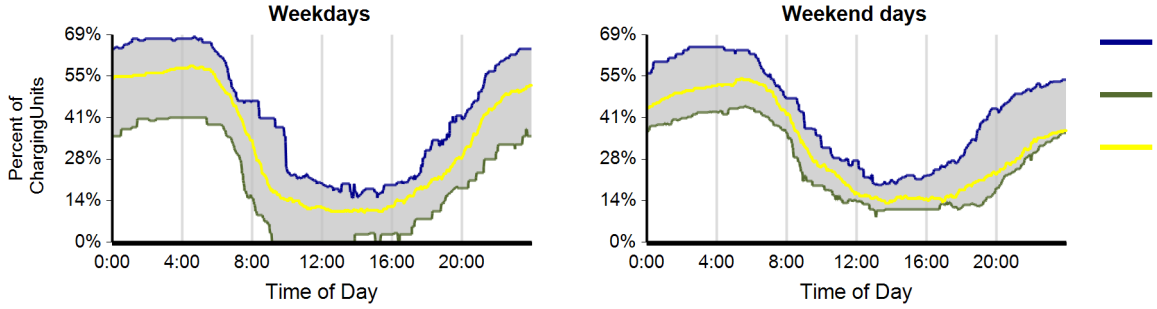
	Residential Level 2	Private Nonresidential Level 2	Publicly Available Level 2	Publicly Available DC Fast	Total
Number of charging units[1]	240	0	8	0	248
Number of charging events[2]	9,556	0	16	0	9,572
Electricity consumed (AC MWh)	76.28	0.00	0.08	0.00	76.35
Percent of time with a vehicle connected to charging unit	32%	0%	3%	0%	31%
Percent of time with a vehicle drawing power from charging unit	7%	0%	1%	0%	7%



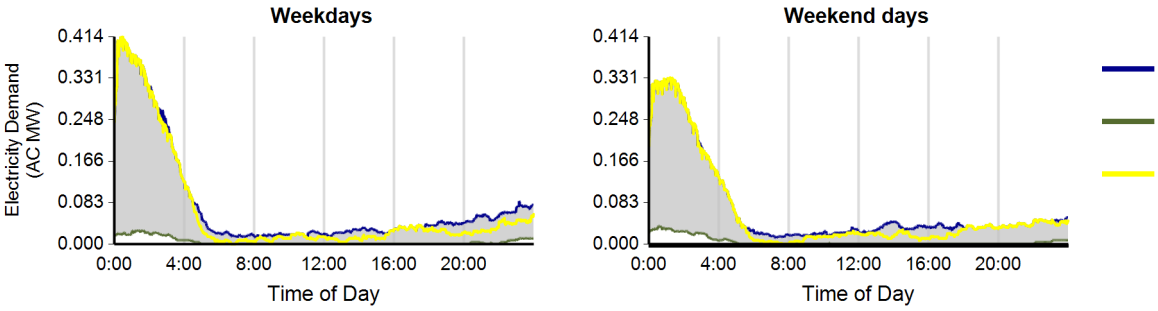




Charging Availability: Range of Percent of Charging Units with a Vehicle Connected versus Time of Day[3]



Charging Demand: Range of Aggregate Electricity Demand versus Time of Day[4]



[1] Includes all charging units that were in use by the end of the reporting period

[2] A charging event is defined as the period when a vehicle is connected to a charging unit, during which period some power is transferred

[3] Considers the connection status of all charging units every minute

[4] Based on 15 minute rolling average power output from all charging units

Residential Level 2 Electric Vehicle Supply Equipment (EVSE)

Region: San Diego, CA Metropolitan Area
Report period: April 2011 through June 2011

EVSE Usage

	Weekday	Weekend	Overall
Number of charging events	6,977	2,579	9,556
Electricity consumed (AC MWh)	57.98	18.29	76.28
Percent of time with a vehicle connected to EVSE	31%	33%	31%
Percent of time with a vehicle drawing power from EVSE	7%	7%	7%
Average number of charging events started per EVSE per day	0.77	0.73	0.76
Average number of distinct vehicles charged per EVSE per day (EV Project vehicles only)	1.0	1.0	1.0

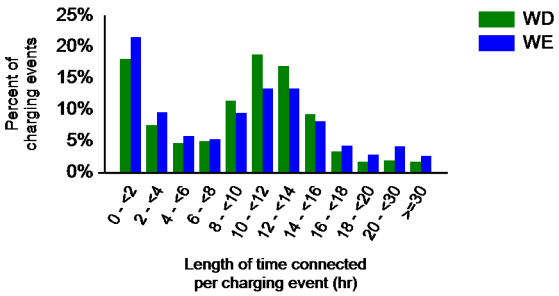
Vehicles Charged

	Nissan Leaf	Chevrolet Volt	Non-EV Project vehicles
Percent of charging events	100%	0%	0%
Percent of electricity consumed	100%	0%	0%

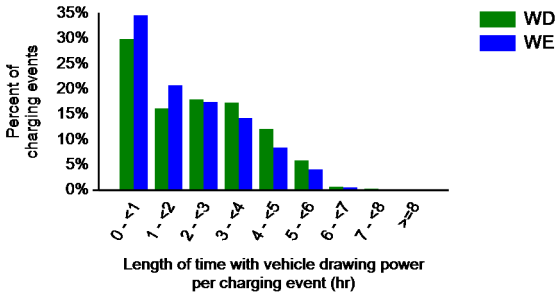
Individual Charging Event Statistics

	Weekday (WD)	Weekend (WE)	Overall
Average length of time with vehicle connected per charging event (hr)	10.1	10.3	10.1
Average length of time with vehicle drawing power per charging event (hr)	2.4	2.0	2.3
Average electricity consumed per charging event (AC kWh)	8.3	7.1	8.0

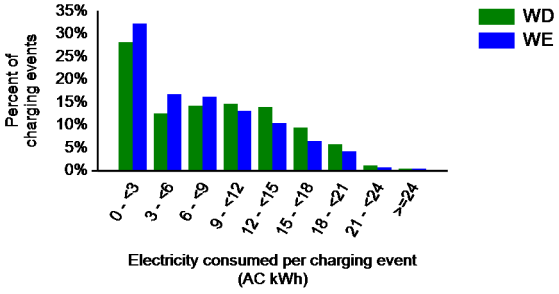
Distribution of Length of Time with a Vehicle Connected per Charging Event



Distribution of Length of Time with a Vehicle Drawing Power per Charging Event



Distribution of Electricity Consumed per Charging Event



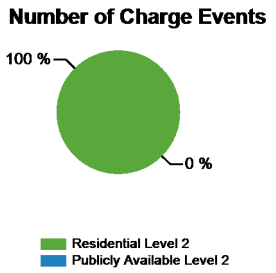
EV Project Electric Vehicle Charging Infrastructure Summary Report

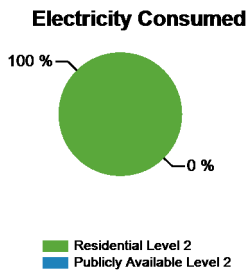
THE EV Project

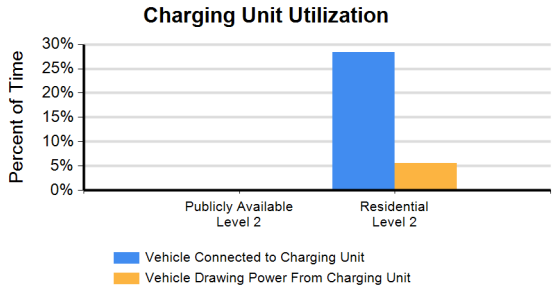
Region: San Francisco, CA Metropolitan Area
Report period: April 2011 through June 2011
Number of EV Project vehicles in region: 194

Charging Unit Usage

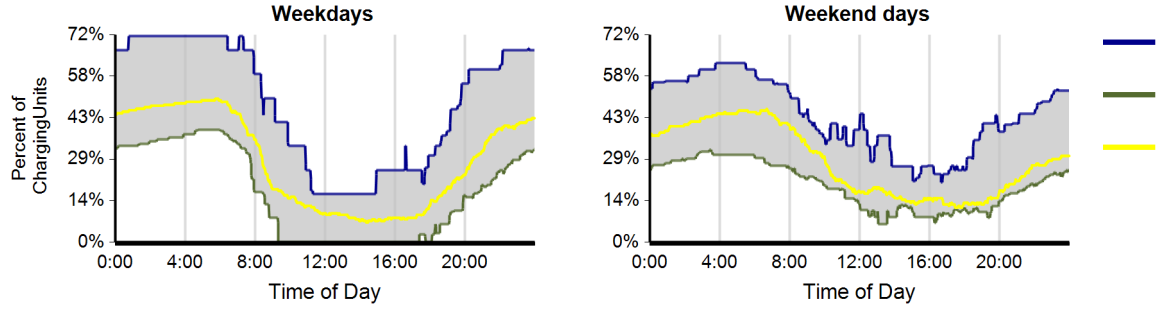
	Residential Level 2	Private Nonresidential Level 2	Publicly Available Level 2	Publicly Available DC Fast	Total
Number of charging units[1]	191	0	0	0	191
Number of charging events[2]	5,532	0	0	0	5,532
Electricity consumed (AC MWh)	37.99	0.00	0.00	0.00	37.99
Percent of time with a vehicle connected to charging unit	28%	0%	0%	0%	28%
Percent of time with a vehicle drawing power from charging unit	6%	0%	0%	0%	6%



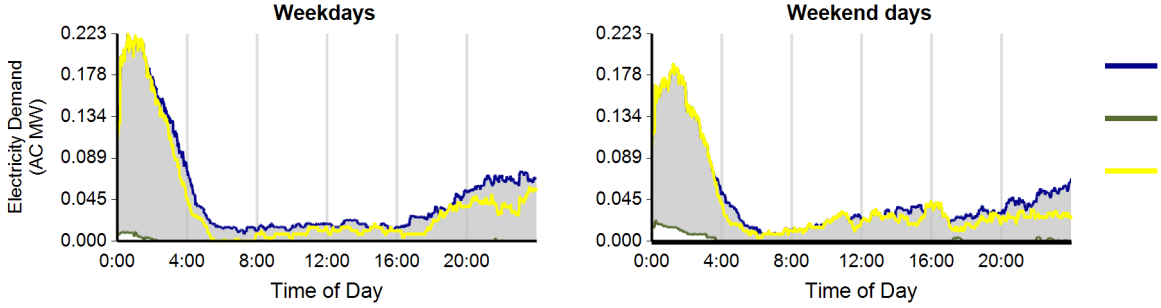




Charging Availability: Range of Percent of Charging Units with a Vehicle Connected versus Time of Day[3]



Charging Demand: Range of Aggregate Electricity Demand versus Time of Day[4]



[1] Includes all charging units that were in use by the end of the reporting period

[2] A charging event is defined as the period when a vehicle is connected to a charging unit, during which period some power is transferred

[3] Considers the connection status of all charging units every minute

[4] Based on 15 minute rolling average power output from all charging units

Residential Level 2 Electric Vehicle Supply Equipment (EVSE)

Region: San Francisco, CA Metropolitan Area
Report period: April 2011 through June 2011

EVSE Usage

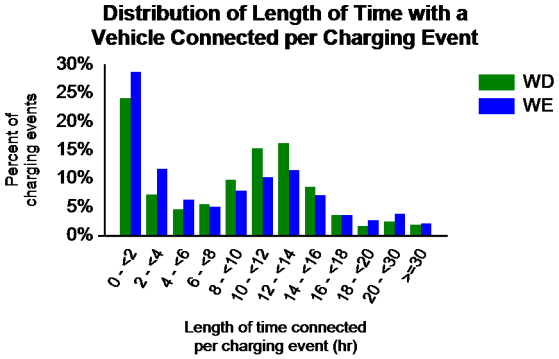
	Weekday	Weekend	Overall
Number of charging events	4,000	1,532	5,532
Electricity consumed (AC MWh)	29.07	8.92	37.99
Percent of time with a vehicle connected to EVSE	28%	29%	28%
Percent of time with a vehicle drawing power from EVSE	6%	6%	6%
Average number of charging events started per EVSE per day	0.73	0.73	0.73
Average number of distinct vehicles charged per EVSE per day (EV Project vehicles only)	1.0	1.0	1.0

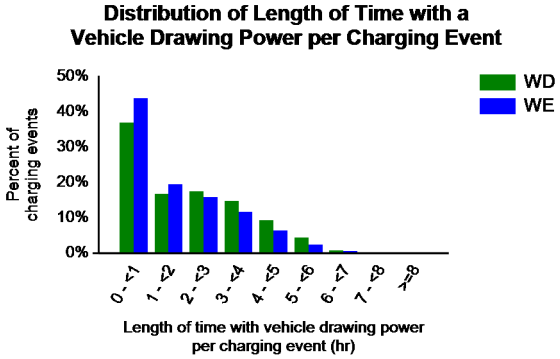
Vehicles Charged

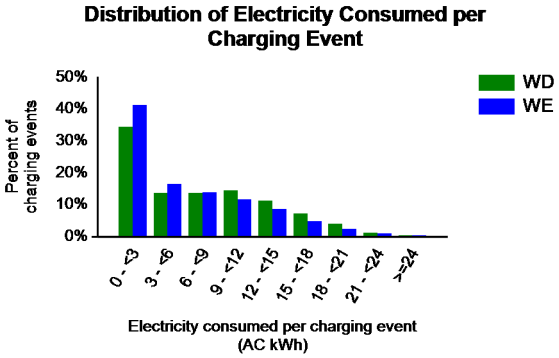
	Nissan Leaf	Chevrolet Volt	Non-EV Project vehicles
Percent of charging events	100%	0%	0%
Percent of electricity consumed	100%	0%	0%

Individual Charging Event Statistics

	Weekday (WD)	Weekend (WE)	Overall
Average length of time with vehicle connected per charging event (hr)	9.8	8.9	9.5
Average length of time with vehicle drawing power per charging event (hr)	2.0	1.6	1.9
Average electricity consumed per charging event (AC kWh)	7.3	5.8	6.9







EV Project Electric Vehicle Charging Infrastructure Summary Report

THE EV Project

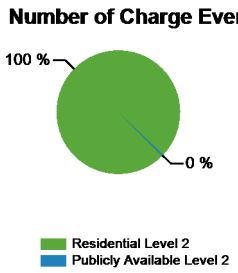
Region: Oregon

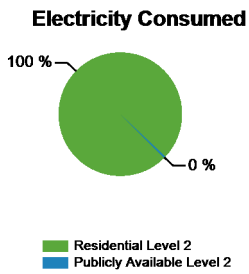
Report period: April 2011 through June 2011

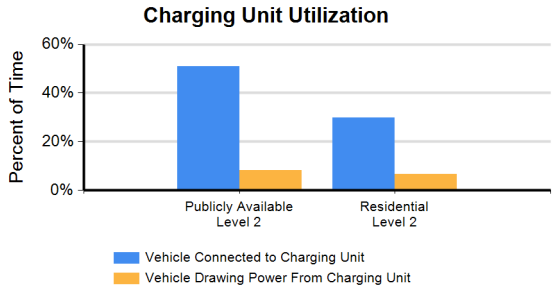
Number of EV Project vehicles in region: 109

Charging Unit Usage

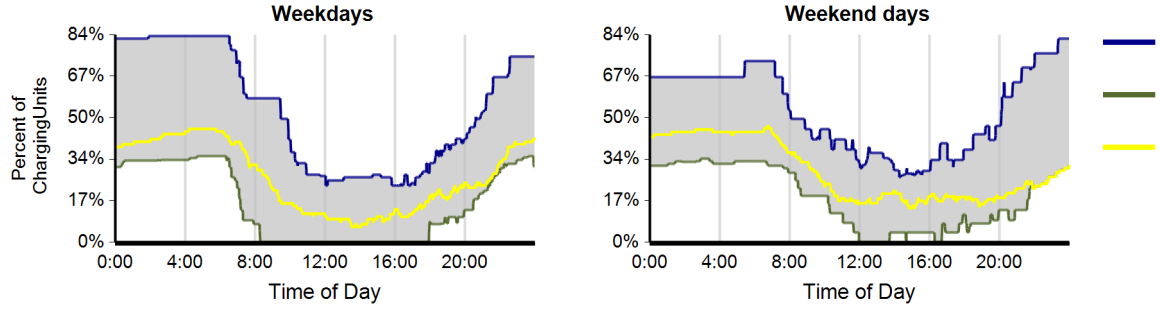
	Residential Level 2	Private Nonresidential Level 2	Publicly Available Level 2	Publicly Available DC Fast	Total
Number of charging units[1]	109	0	1	0	110
Number of charging events[2]	4,081	0	17	0	4,098
Electricity consumed (AC MWh)	28.10	0.00	0.13	0.00	28.23
Percent of time with a vehicle connected to charging unit	30%	0%	51%	0%	30%
Percent of time with a vehicle drawing power from charging unit	7%	0%	8%	0%	7%



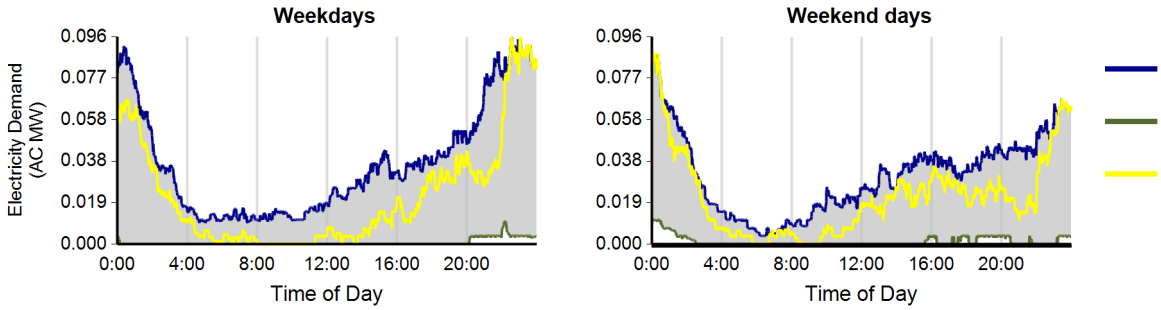




Charging Availability: Range of Percent of Charging Units with a Vehicle Connected versus Time of Day[3]



Charging Demand: Range of Aggregate Electricity Demand versus Time of Day[4]



[1] Includes all charging units that were in use by the end of the reporting period

[2] A charging event is defined as the period when a vehicle is connected to a charging unit, during which period some power is transferred

[3] Considers the connection status of all charging units every minute

[4] Based on 15 minute rolling average power output from all charging units

Residential Level 2 Electric Vehicle Supply Equipment (EVSE)

Region: Oregon

Report period: April 2011 through June 2011

EVSE Usage

	Weekday	Weekend	Overall
Number of charging events	2,853	1,228	4,081
Electricity consumed (AC MWh)	20.17	7.93	28.10
Percent of time with a vehicle connected to EVSE	29%	32%	30%
Percent of time with a vehicle drawing power from EVSE	7%	7%	7%
Average number of charging events started per EVSE per day	0.81	0.90	0.84
Average number of distinct vehicles charged per EVSE per day (EV Project vehicles only)	1.0	1.0	1.0

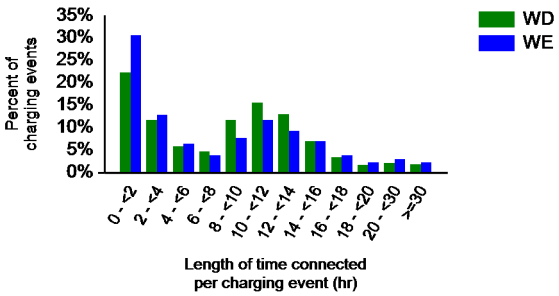
Vehicles Charged

	Nissan Leaf	Chevrolet Volt	Non-EV Project vehicles
Percent of charging events	100%	0%	0%
Percent of electricity consumed	100%	0%	0%

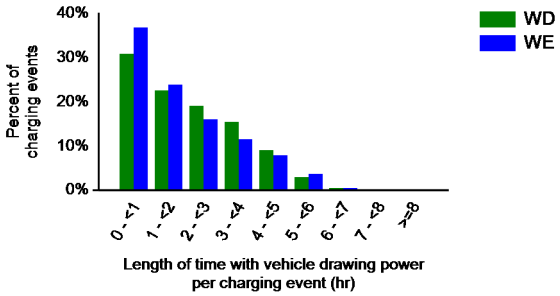
Individual Charging Event Statistics

	Weekday (WD)	Weekend (WE)	Overall
Average length of time with vehicle connected per charging event (hr)	8.7	8.5	8.7
Average length of time with vehicle drawing power per charging event (hr)	2.0	1.9	2.0
Average electricity consumed per charging event (AC kWh)	7.1	6.5	6.9

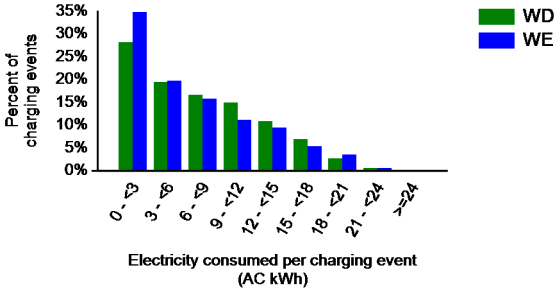
Distribution of Length of Time with a Vehicle Connected per Charging Event



Distribution of Length of Time with a Vehicle Drawing Power per Charging Event



Distribution of Electricity Consumed per Charging Event

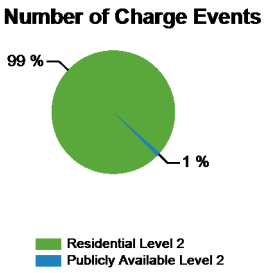


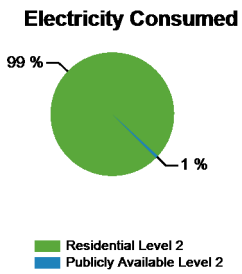
EV Project Electric Vehicle Charging Infrastructure Summary Report

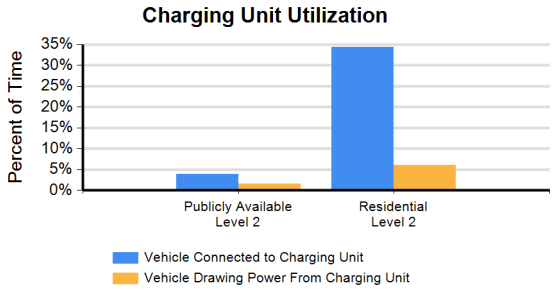
Region: Knoxville, TN Metropolitan Area
Report period: April 2011 through June 2011
Number of EV Project vehicles in region: 13

Charging Unit Usage

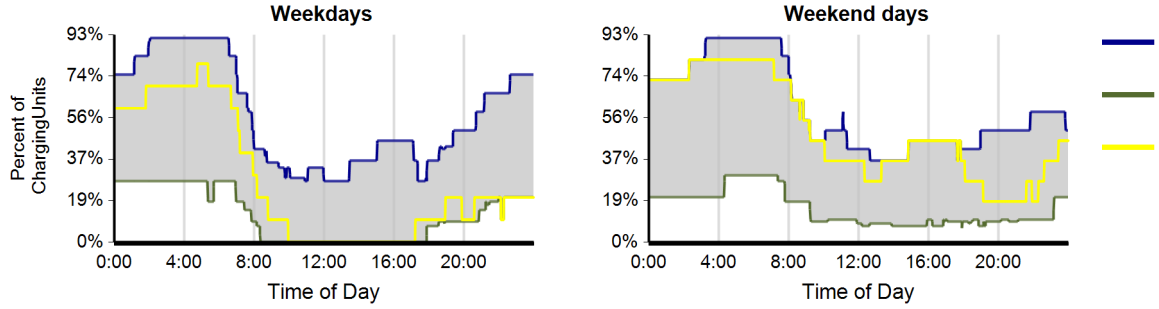
	Residential Level 2	Private Nonresidential Level 2	Publicly Available Level 2	Publicly Available DC Fast	Total
Number of charging units[1]	13	0	1	0	14
Number of charging events[2]	472	0	5	0	477
Electricity consumed (AC MWh)	3.37	0.00	0.02	0.00	3.40
Percent of time with a vehicle connected to charging unit	34%	0%	4%	0%	34%
Percent of time with a vehicle drawing power from charging unit	6%	0%	2%	0%	6%



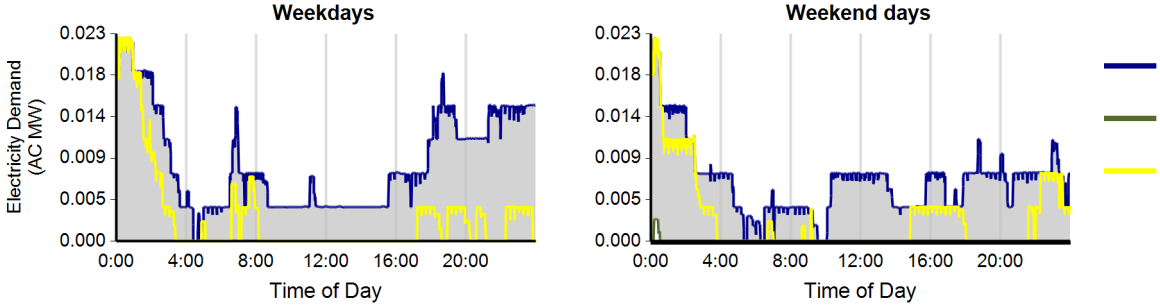




Charging Availability: Range of Percent of Charging Units with a Vehicle Connected versus Time of Day[3]



Charging Demand: Range of Aggregate Electricity Demand versus Time of Day[4]



[1] Includes all charging units that were in use by the end of the reporting period

[2] A charging event is defined as the period when a vehicle is connected to a charging unit, during which period some power is transferred

[3] Considers the connection status of all charging units every minute

[4] Based on 15 minute rolling average power output from all charging units

Residential Level 2 Electric Vehicle Supply Equipment (EVSE)

Region: Knoxville, TN Metropolitan Area

Report period: April 2011 through June 2011

EVSE Usage

	Weekday	Weekend	Overall
Number of charging events	351	121	472
Electricity consumed (AC MWh)	2.71	0.66	3.37
Percent of time with a vehicle connected to EVSE	34%	35%	34%
Percent of time with a vehicle drawing power from EVSE	6%	5%	6%
Average number of charging events started per EVSE per day	0.74	0.68	0.73
Average number of distinct vehicles charged per EVSE per day (EV Project vehicles only)	1.0	1.0	1.0

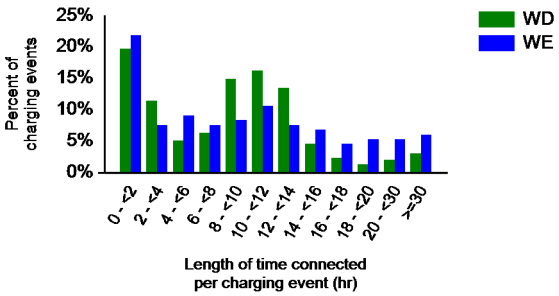
Vehicles Charged

	Nissan Leaf	Chevrolet Volt	Non-EV Project vehicles
Percent of charging events	100%	0%	0%
Percent of electricity consumed	100%	0%	0%

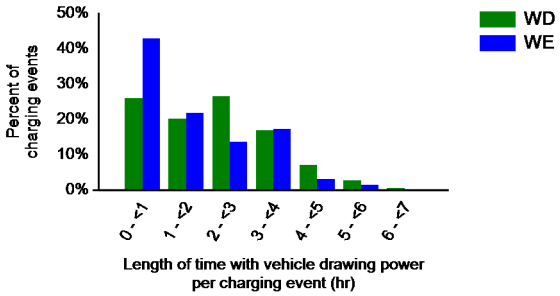
Individual Charging Event Statistics

	Weekday (WD)	Weekend (WE)	Overall
Average length of time with vehicle connected per charging event (hr)	11.0	11.2	11.0
Average length of time with vehicle drawing power per charging event (hr)	2.1	1.5	2.0
Average electricity consumed per charging event (AC kWh)	7.7	5.5	7.1

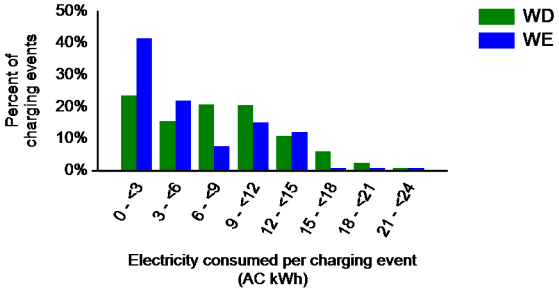
Distribution of Length of Time with a Vehicle Connected per Charging Event



Distribution of Length of Time with a Vehicle Drawing Power per Charging Event



Distribution of Electricity Consumed per Charging Event



EV Project Electric Vehicle Charging Infrastructure Summary Report

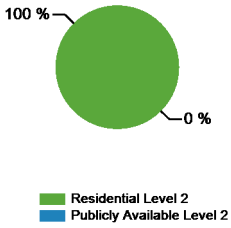
THE EV Project

Region: Nashville, TN Metropolitan Area
Report period: April 2011 through June 2011
Number of EV Project vehicles in region: 23

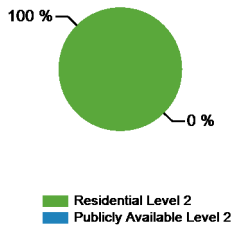
Charging Unit Usage

	Residential Level 2	Private Nonresidential Level 2	Publicly Available Level 2	Publicly Available DC Fast	Total
Number of charging units[1]	22	0	0	0	22
Number of charging events[2]	782	0	0	0	782
Electricity consumed (AC MWh)	5.43	0.00	0.00	0.00	5.43
Percent of time with a vehicle connected to charging unit	27%	0%	0%	0%	27%
Percent of time with a vehicle drawing power from charging unit	6%	0%	0%	0%	6%

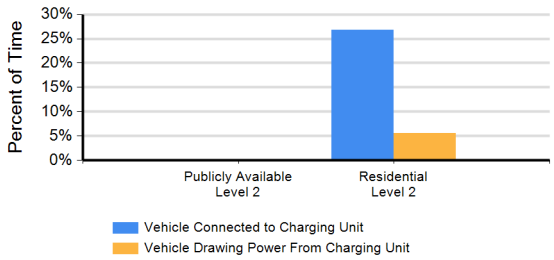
Number of Charge Events



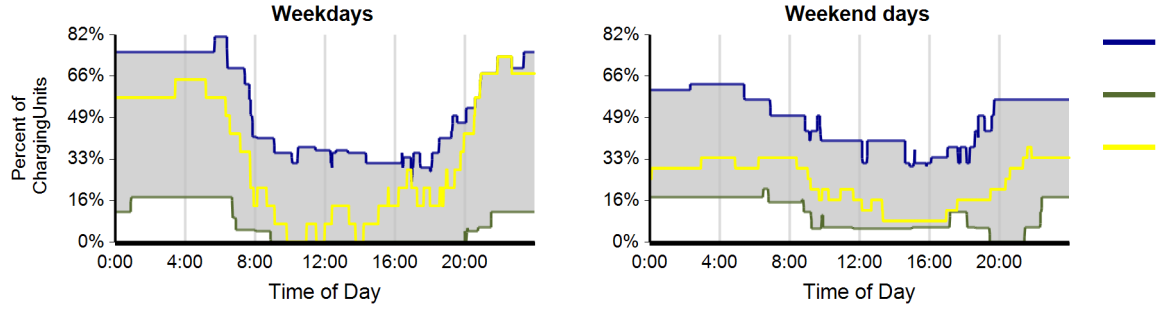
Electricity Consumed



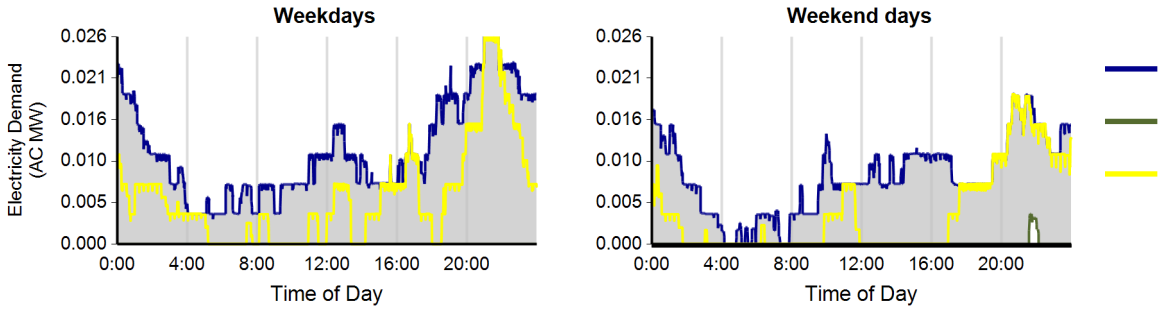
Charging Unit Utilization



Charging Availability: Range of Percent of Charging Units with a Vehicle Connected versus Time of Day[3]



Charging Demand: Range of Aggregate Electricity Demand versus Time of Day[4]



[1] Includes all charging units that were in use by the end of the reporting period

[2] A charging event is defined as the period when a vehicle is connected to a charging unit, during which period some power is transferred

[3] Considers the connection status of all charging units every minute

[4] Based on 15 minute rolling average power output from all charging units

Residential Level 2 Electric Vehicle Supply Equipment (EVSE)

Region: Nashville, TN Metropolitan Area

Report period: April 2011 through June 2011

EVSE Usage

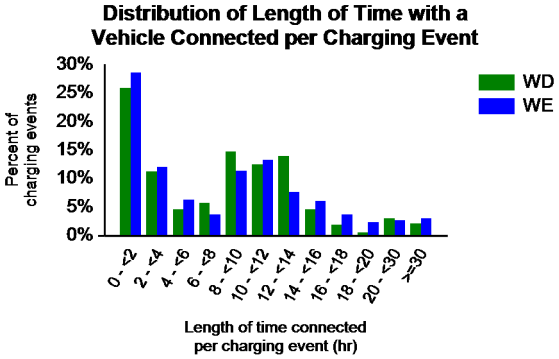
	Weekday	Weekend	Overall
Number of charging events	559	223	782
Electricity consumed (AC MWh)	4.03	1.40	5.43
Percent of time with a vehicle connected to EVSE	26%	28%	27%
Percent of time with a vehicle drawing power from EVSE	6%	5%	6%
Average number of charging events started per EVSE per day	0.70	0.73	0.70
Average number of distinct vehicles charged per EVSE per day (EV Project vehicles only)	1.0	1.0	1.0

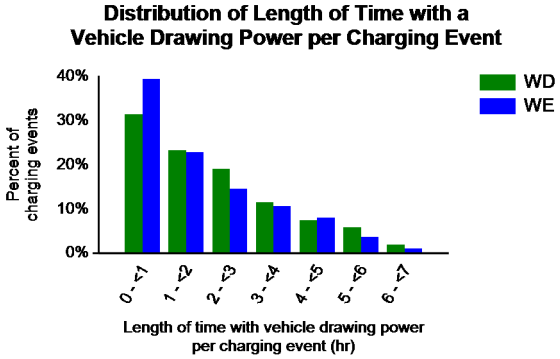
Vehicles Charged

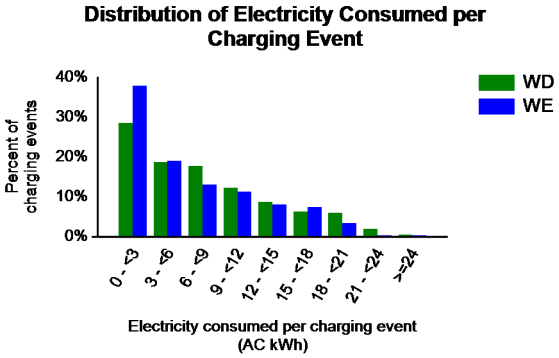
	Nissan Leaf	Chevrolet Volt	Non-EV Project vehicles
Percent of charging events	100%	0%	0%
Percent of electricity consumed	100%	0%	0%

Individual Charging Event Statistics

	Weekday (WD)	Weekend (WE)	Overall
Average length of time with vehicle connected per charging event (hr)	9.5	8.6	9.2
Average length of time with vehicle drawing power per charging event (hr)	2.0	1.8	1.9
Average electricity consumed per charging event (AC kWh)	7.2	6.3	6.9







EV Project Electric Vehicle Charging Infrastructure Summary Report

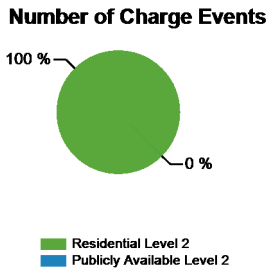
Region: Washington State

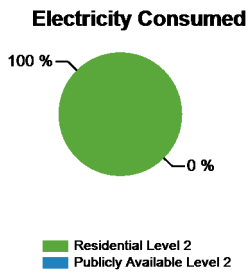
Report period: April 2011 through June 2011

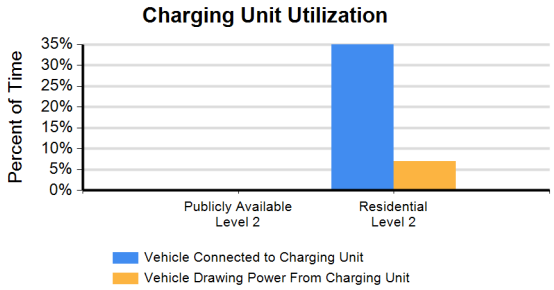
Number of EV Project vehicles in region: 163

Charging Unit Usage

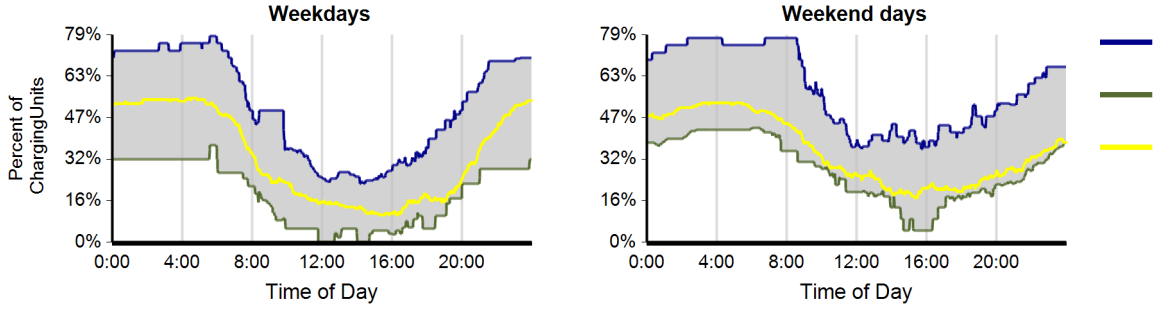
	Residential Level 2	Private Nonresidential Level 2	Publicly Available Level 2	Publicly Available DC Fast	Total
Number of charging units[1]	163	0	1	0	164
Number of charging events[2]	6,781	0	2	0	6,783
Electricity consumed (AC MWh)	45.36	0.00	0.00	0.00	45.36
Percent of time with a vehicle connected to charging unit	35%	0%	0%	0%	35%
Percent of time with a vehicle drawing power from charging unit	7%	0%	0%	0%	7%



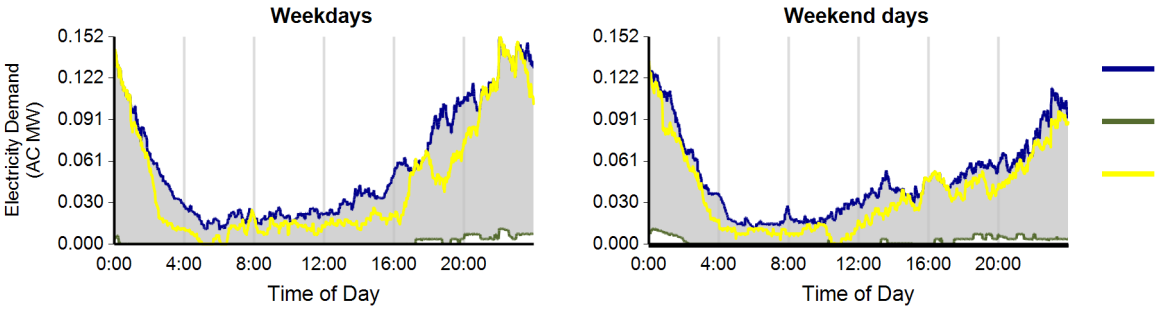




Charging Availability: Range of Percent of Charging Units with a Vehicle Connected versus Time of Day[3]



Charging Demand: Range of Aggregate Electricity Demand versus Time of Day[4]



[1] Includes all charging units that were in use by the end of the reporting period

[2] A charging event is defined as the period when a vehicle is connected to a charging unit, during which period some power is transferred

[3] Considers the connection status of all charging units every minute

[4] Based on 15 minute rolling average power output from all charging units

Residential Level 2 Electric Vehicle Supply Equipment (EVSE)

Region: Washington State

Report period: April 2011 through June 2011

EVSE Usage

	Weekday	Weekend	Overall
Number of charging events	4,862	1,919	6,781
Electricity consumed (AC MWh)	33.64	11.72	45.36
Percent of time with a vehicle connected to EVSE	34%	38%	35%
Percent of time with a vehicle drawing power from EVSE	7%	7%	7%
Average number of charging events started per EVSE per day	0.90	0.92	0.91
Average number of distinct vehicles charged per EVSE per day (EV Project vehicles only)	1.0	1.0	1.0

Vehicles Charged

	Nissan Leaf	Chevrolet Volt	Non-EV Project vehicles
Percent of charging events	100%	0%	0%
Percent of electricity consumed	100%	0%	0%

Individual Charging Event Statistics

	Weekday (WD)	Weekend (WE)	Overall
Average length of time with vehicle connected per charging event (hr)	9.4	9.4	9.4
Average length of time with vehicle drawing power per charging event (hr)	1.9	1.7	1.9
Average electricity consumed per charging event (AC kWh)	6.9	6.1	6.7