EV Project Electric Vehicle Charging Infrastructure Summary Report -- CSV File Data Dictionary

PDF report Page 1

INL/MIS-10-19479

PDF report table name:	(Report header)
CSV filename:	EVProject Infrastructure Report [Reporting Period]_ES
CSV column 'TripCategory' value:	All

PDF report metric	CSV column header name
Region	TerritoryName
Reporting Period	ReportingPeriod
Number of EV Project vehicles in region	NumVINS

PDF report table name:	**Charging Unit Usage**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_ES
CSV column 'TripCategory' value:	All

PDF report metric (row header - column header)	CSV column header name
Number of charging units - Residential Level 2	NumChrgUnitHome
Number of charging events - Residential Level 2	NumChrgEventsHome
Electricity consumed - Residential Level 2	TotACMWhHome
Percent of time with a vehicle connected to charging unit - Residential Level 2	pctTimePluginHome
Percent of time with a vehicle drawing power from charging unit - Residential Level 2	pctTimeChrgHome
Number of charging units - Private Nonresidential Level 2	NumChrgUnitPrivate
Number of charging events - Private Nonresidential Level 2	NumChrgEventsPrivate
Electricity consumed - Private Nonresidential Level 2	TotACMWhPrivate
Percent of time with a vehicle connected to charging unit - Private Nonresidential Level 2	pctTimePluginPrivate
Percent of time with a vehicle drawing power from charging unit - Private Nonresidential Level 2	pctTimeChrgPrivate
Number of charging units - Publicly Available Level 2	NumChrgUnitLevel2Away
Number of charging events - Publicly Available Level 2	NumChrgEventsLevel2Away
Electricity consumed - Publicly Available Level 2	TotACMWhLevel2Away
Percent of time with a vehicle connected to charging unit - Publicly Available Level 2	pctTimePluginLevel2Away
Percent of time with a vehicle drawing power from charging unit - Publicly Available Level 2	pctTimeChrgLevel2Away
Number of charging units - Publicly Available DC Fast	NumChrgUnitDCAway
Number of charging events - Publicly Available DC Fast	NumChrgEventsDCAway
Electricity consumed - Publicly Available DC Fast	TotACMWhDCAway
Percent of time with a vehicle connected to charging unit - Publicly Available DC Fast	pctTimePluginDCAway
Percent of time with a vehicle drawing power from charging unit - Publicly Available DC Fast	pctTimeChrgDCAway
Number of charging units - Total	NumChrgUnit
Number of charging events - Total	NumChrgEvents
Electricity consumed - Total	TotACMWh
Percent of time with a vehicle connected to charging unit - Total	PctTimePlugin
Percent of time with a vehicle drawing power from charging unit - Total	PctTimeChrg

PDF report chart name:	**Number of Charge Events (pie chart)**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_ES
CSV column 'TripCategory' value:	All

PDF report chart series name	CSV column header name
Residential Level 2	PctNumChrgEventsHome
Private Nonresidential Level 2	PctNumChrgEventsPrivate
Publicly Available Level 2	PctNumChrgEventsLevel2Away
Publicly Available DC Fast	PctNumChrgEventsDCAway

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PDF report chart name:	**Electricity Consumed (pie chart)**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_ES
CSV column 'TripCategory' value:	All

Chart series name	CSV column header name
Residential Level 2	PctTotACMWhHome
Private Nonresidential Level 2	PctTotACMWhPrivate
Publicly Available Level 2	PctTotACMWhLevel2Away
Publicly Available DC Fast	PctTotACMWhDCAway

PDF report chart name:	**Charging Unit Utilization (bar chart)**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_ES
CSV column 'TripCategory' value:	All

Chart series name	CSV column header name
Residential Level 2 - Vehicle Connected to Charging Unit	pctTimePluginHome
Residential Level 2 - Vehicle Drawing Power From Charging Unit	pctTimeChrgHome
Private Nonresidential Level 2 - Vehicle Connected to Charging Unit	pctTimePluginPrivate
Private Nonresidential Level 2 - Vehicle Drawing Power From Charging Unit	pctTimeChrgPrivate
Publicly Available Level 2 - Vehicle Connected to Charging Unit	pctTimePluginLevel2Away
Publicly Available Level 2 - Vehicle Drawing Power From Charging Unit	pctTimeChrgLevel2Away
Publicly Available DC Fast - Vehicle Connected to Charging Unit	pctTimePluginDCAway
Publicly Available DC Fast - Vehicle Drawing Power From Charging Unit	pctTimeChrgDCAway

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PDF report chart name:	**Charging Availability - Weekday (line plot)**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_HA
CSV column 'GroupBy' value:	all
CSV column 'ChtName' value	PctChrgUnitsWeekDay

Chart series name	CSV column 'CatName' value
Max percentage of charging units connected across all days	perc_100
Inner-quartile range of charging units connected across all days - top border	perc_75
Inner-quartile range of charging units connected across all days - bottom border	perc_25
Median percentage of charging units connected across all days	perc_50
Min percentage of charging units connected across all days	perc_0

PDF report chart name:	**Charging Availability - Weekend (line plot)**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_HA
CSV column 'GroupBy' value:	all
CSV column 'ChtName' value	PctChrgUnitsWeekEnd

Chart series name	CSV column 'CatName' value
Max percentage of charging units connected across all days	perc_100
Inner-quartile range of charging units connected across all days - top border	perc_75
Inner-quartile range of charging units connected across all days - bottom border	perc_25
Median percentage of charging units connected across all days	perc_50
Min percentage of charging units connected across all days	perc_0

PDF report chart name:	**Charging Demand - Weekday (line plot)**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_HA
CSV column 'GroupBy' value:	all
CSV column 'ChtName' value	RangeAggElectricDemandVsTimeofDayPeakWeekDay

Chart series name	CSV column 'CatName' value
Max electricity demand across all days	perc_100
Inner-quartile range of electricity demand across all days - top border	perc_75
Inner-quartile range of electricity demand across all days - bottom border	perc_25
Median electricity demand across all days	perc_50
Min electricity demand across all days	perc_0

PDF report chart name:	**Charging Demand - Weekend (line plot)**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_HA
CSV column 'GroupBy' value:	all
CSV column 'ChtName' value	RangeAggElectricDemandVsTimeofDayPeakWeekEnd

Chart series name	CSV column 'CatName' value
Max electricity demand across all days	perc_100
Inner-quartile range of electricity demand across all days - top border	perc_75
Inner-quartile range of electricity demand across all days - bottom border	perc_25
Median electricity demand across all days	perc_50
Min electricity demand across all days	perc_0

EV Project Electric Vehicle Charging Infrastructure Summary Report -- CSV File Data Dictionary
PDF report Page 2 - Residential Level 2 EVSE; Page 4 - Publicly Available Level 2 EVSE; Page 6 -DC Fast Chargers

PDF report table name:	**EVSE Usage**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_ES
CSV column 'TripCategory' value:	Page 2 - Residential Level 2 EVSE: TripCategory = Home; Page 4 - Publicly Available Level 2 EVSE: Trip Category = Away; Page 6 - DC Fast Chargers: TripCategory = DCFAST

PDF report metric (row header - column header)	CSV column header name
Number of charging events - Weekday	chrgEventWeekday
Electricity consumed - Weekday	TotACMwhWeekday
Percent of time with a vehicle connected to EVSE - Weekday	PctVehicleConnectToEVSEWeekday
Percent of time with a vehicle drawing power from EVSE - Weekday	PctVehicleDrawPwrWeekday
Average number of charging events started per EVSE per day - Weekday	AvgNumChrgEventPerEVSEPerDayWeekday
Number of charging events - Weekday	chrgEventWeekend
Electricity consumed - Weekend	TotACMwhWeekend
Percent of time with a vehicle connected to EVSE - Weekend	PctVehicleConnectToEVSEWeekend
Percent of time with a vehicle drawing power from EVSE - Weekend	PctVehicleDrawPwrWeekend
Average number of charging events started per EVSE per day - Weekend	AvgNumChrgEventPerEVSEPerDayWeekend
Number of charging events - Overall	chrgEventOverall
Electricity consumed - Overall	TotACMwhOverall
Percent of time with a vehicle connected to EVSE - Overall	PctVehicleConnectToEVSEOverALL
Percent of time with a vehicle drawing power from EVSE - Overall	PctVehicleDrawPwrOverAll
Average number of charging events started per EVSE per day - Overall	AvgNumChrgEventPerEVSEPerDayOverall

PDF report chart name:	**Charging Availability - Weekday (line plot)**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_HA
CSV column 'GroupBy' value:	Page 2 - Residential Level 2 EVSE: GroupBy = Home; Page 4 - Publicly Available Level 2 EVSE: GroupBy = Away; Page 6 - DC Fast Chargers: GroupBy = DCFAST
CSV column 'ChtName' value	PctChrgUnitsWeekDay

Chart series name	CSV column 'CatName' value
Max percentage of charging units connected across all days	perc_100
Inner-quartile range of charging units connected across all days - top border	perc_75
Inner-quartile range of charging units connected across all days - bottom border	perc_25
Median percentage of charging units connected across all days	perc_50
Min percentage of charging units connected across all days	perc_0

PDF report chart name:	**Charging Availability - Weekend (line plot)**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_HA
CSV column 'GroupBy' value:	Page 2 - Residential Level 2 EVSE: GroupBy = Home; Page 4 - Publicly Available Level 2 EVSE: GroupBy = Away; Page 6 - DC Fast Chargers: GroupBy = DCFAST
CSV column 'ChtName' value	PctChrgUnitsWeekEnd

Chart series name	CSV column 'CatName' value
Max percentage of charging units connected across all days	perc_100
Inner-quartile range of charging units connected across all days - top border	perc_75
Inner-quartile range of charging units connected across all days - bottom border	perc_25
Median percentage of charging units connected across all days	perc_50
Min percentage of charging units connected across all days	perc_0

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PDF report Page 2 - Residential Level 2 EVSE; Page 4 - Publicly Available Level 2 EVSE; Page 6 -DC Fast Chargers

PDF report chart name:	**Charging Demand - Weekday (line plot)**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_HA
CSV column 'GroupBy' value:	Page 2 - Residential Level 2 EVSE: GroupBy = Home; Page 4 - Publicly Available Level 2 EVSE: GroupBy = Away; Page 6 - DC Fast Chargers: GroupBy = DCFAST
CSV column 'ChtName' value	PctChrgUnitsWeekDay

Chart series name	CSV column 'CatName' value
Max electricity demand across all days	perc_100
Inner-quartile range of electricity demand across all days - top border	perc_75
Inner-quartile range of electricity demand across all days - bottom border	perc_25
Median electricity demand across all days	perc_50
Min electricity demand across all days	perc_0

PDF report chart name:	**Charging Demand - Weekend (line plot)**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_HA
CSV column 'GroupBy' value:	Page 2 - Residential Level 2 EVSE: GroupBy = Home; Page 4 - Publicly Available Level 2 EVSE: GroupBy = Away; Page 6 - DC Fast Chargers: GroupBy = DCFAST
CSV column 'ChtName' value	PctChrgUnitsWeekDay

Chart series name	CSV column 'CatName' value
Max electricity demand across all days	perc_100
Inner-quartile range of electricity demand across all days - top border	perc_75
Inner-quartile range of electricity demand across all days - bottom border	perc_25
Median electricity demand across all days	perc_50
Min electricity demand across all days	perc_0

EV Project Electric Vehicle Charging Infrastructure Summary Report -- CSV File Data Dictionary
PDF report Page 3 - Residential Level 2 EVSE; Page 5 - Publicly Available Level 2 EVSE; Page 7 -DC Fast Chargers

PDF report table name:	**Vehicles Charged**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_ES
CSV column 'TripCategory' value:	Page 3 - Residential Level 2 EVSE: TripCategory = Home; Page 5 - Publicly Available Level 2 EVSE: Trip Category = Away; Page 7 - DC Fast Chargers: TripCategory = DCFAST

PDF report metric (row header - column header)	CSV column header name
Percent of charging events - Car Sharing Fleet (pages 5 and 7 only)	PctChrgEventCar2Go
Percent of electricity consumed - Car Sharing Fleet (pages 5 and 7 only)	pctElecConsumedCar2Go
Percent of charging events - Nissan Leaf	PctChrgEventLeaf
Percent of electricity consumed - Nissan Leaf	PctElecConsumedLeaf
Percent of charging events - Chevrolet Volt	PctChrgEventVolt
Percent of electricity consumed - Chevrolet Volt	PctElecConsumedVolt
Percent of charging events - Unknown	PctChrgEventUnknown
Percent of electricity consumed - Unknown	PctElecConsumedUnknown

PDF report table name:	**Individal Charging Event Statistics**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_ES
CSV column 'TripCategory' value:	Page 3 - Residential Level 2 EVSE: TripCategory = Home; Page 5 - Publicly Available Level 2 EVSE: Trip Category = Away; Page 7 - DC Fast Chargers: TripCategory = DCFAST

PDF report metric (row header - column header)	CSV column header name
Average length of time with vehicle connected per charging event - Weekday	AvgPluginTimeWeekDay
Average length of time with vehicle drawing power per charging event - Weekday	AvgChrgTimeWeekday
Average electricity consumed per charging event - Weekday	AvgACMwhWeekday
Average length of time with vehicle connected per charging event - Weekend	AvgPluginTimeWeekend
Average length of time with vehicle drawing power per charging event - Weekend	AvgChrgTimeWeekend
Average electricity consumed per charging event - Weekend	AvgACMwhWeekend
Average length of time with vehicle connected per charging event - Overall	AvgPluginTimeOverall
Average length of time with vehicle drawing power per charging event - Overall	AvgChrgTimeOverall
Average electricity consumed per charging event - Overall	AvgACMwhOverall

EV Project Electric Vehicle Charging Infrastructure Summary Report -- CSV File Data Dictionary
PDF report Page 3 - Residential Level 2 EVSE; Page 5 - Publicly Available Level 2 EVSE; Page 7 -DC Fast Chargers

PDF report chart name:	**Distribution of Length of Time with a Vehicle Connected per Charging Event**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_HA
CSV column 'GroupBy' value:	Page 3 - Residential Level 2 EVSE: GroupBy = Home; Page 5- Publicly Available Level 2 EVSE: GroupBy = Away; Page 7 - DC Fast Chargers :GroupBy = DCFAST
CSV column 'ChtName' value	DistributionTimeVehicleConnectedPerChargeEvent

Chart series name	CSV column 'CatName' value
Weekday (WD)	WD
Weekend (WE)	WE

PDF report chart name:	**Distribution of Length of Time with a Vehicle Drawing Power per Charging Event**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_HA
CSV column 'GroupBy' value:	Page 3 - Residential Level 2 EVSE: GroupBy = Home; Page 5- Publicly Available Level 2 EVSE: GroupBy = Away; Page 7 - DC Fast Chargers :GroupBy = DCFAST
CSV column 'ChtName' value	DistributionTimeVehicleDrawingPowerPerChargeEvent

Chart series name	CSV column 'CatName' value
Weekday (WD)	WD
Weekend (WE)	WE

PDF report chart name:	**Distribution of Electricity Consumed per Charging Event**
CSV filename:	EVProject Infrastructure Report [Reporting Period]_HA
CSV column 'GroupBy' value:	Page 3 - Residential Level 2 EVSE: GroupBy = Home; Page 5- Publicly Available Level 2 EVSE: GroupBy = Away; Page 7 - DC Fast Chargers :GroupBy = DCFAST
CSV column 'ChtName' value	DistributionACEnergyConsumedPerChargeEvent

Chart series name	CSV column 'CatName' value
Weekday (WD)	WD
Weekend (WE)	WE