

CHARGE READY TRANSPORT

Charging Equipment Usage Data Monthly Report (Content and Format Instructions)

Within 5 calendar days following the end of each month, Program Participant must ensure their Network Service Provider SHALL send SCE a CSV file showing all transactions of all charging stations managed by the Network Service Provider for the prior monthly period. The following data/metrics shall be provided to SCE in reports by aggregate, EVSE, and individual session on a monthly or as-specified basis, in the specified format, and include:

- EVSE unique identifier
- Charge session Date, start and end times (session denotes time of power being provided to EV) and charge duration. If users are being charged for time connected, data SHOULD also include connect/disconnect time and session duration).
- Energy (kWh) Usage including amount of per session, 15 minute energy intervals per sessions (not cumulative), and daily unit/site aggregate
- Peak and average demand (kW) per session
- Rate/fee, if any, charged to end user

Each record shall include:

Session Data		
Field Name	Description	Example
SessionID	Unique identification number of the charging session	125
VendorID	Unique identification number of the vendor provided by SCE	1
LocationID	Unique application ID number assigned by SCE	CRT-2019-####
EVSEID	Unique identification number of the EVSE	SCE-SEV_0002_903451
PortID	Unique identification number of the port	SCE-SEV_0002_903451-P1
EVSEModelNbr	EVSE's manufacturer model number approved by SCE	SEV_0002
EVSESerialNbr	EVSE's serial number	
EVSEnbrOfPorts	Number of ports on the EVSE	2
ChargeStartDateTime	Charge start date and time	2/2/2015 9:44
ChargeEndDateTime	Charge end date and time	2/2/2015 11:33
ChargeDuration	Charge duration; the time of power being provided to EV	1:48:35

Session Data (continued)		
Field Name	Description	Example
SessionStartDateTime	Session (connection) start date and time; when port is connected to the EV	2/2/2015 9:44
SessionEndDateTime	Session (connection) end date and time; when port is disconnected from the EV	2/2/2015 11:51
SessionConnectionTime	Session (connection) duration; the time the charge port is physically connected to the EV	2:06:47
ChargeKWH	Energy (kWh) usage per session	18.446
ChargeMaxDemandKW	Peak demand (kW) per session	9.77487
ChargeAverageDemandKW	Average demand (kW) per session	9.531
Session_Payment_Type	Type of payment used for session (e.g. credit, debit, RFID, app, etc.)	RFID card
Price_for_Charging_Session	Fees charged to end user for that session	\$4.25

Interval Data		
Field Name	Description	Example
IntervalID	Unique identification number of the charging 15-minute interval	1
SessionID	Unique identification number of the charging session that includes the interval	125
VendorID	Unique identification number of the vendor provided by SCE	1
LocationID*	Unique application ID number assigned by SCE	CRT-2019-####
EVSEID*	Unique identification number of the EVSE	SCE-SEV_0002_903451
PortID*	Unique identification number of the port	SCE-SEV_0002_903451-P1
ChargeIntervalStartDateTime	Interval start date and time	#####
ChargeIntervalEndDateTime	Interval end date and time	#####
ChargeKWH	Energy (kWh) usage per interval	0.815693
ChargeMaxDemandKW	Peak demand (kW) per interval	9.75442
ChargeAverageDemandKW	Average demand (kW) per interval	9.52997