CHARGE READY PROGRAM

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

Within five (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 each charging station 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 a specified basis in the Excel format. The report must 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 cost per session, 15-minute energy intervals per sessions (not cumulative), and daily unit/site aggregate. Usage must start and end at the 15-minute mark (i.e. :00, :15, :30 or :45). Data must be recorded in PDT and account for pacific daylight savings time. See template for example.

- 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	XYZ_XYZ
LocationID	Unique application ID number assigned by SCE	CRT-2019-####
EVSEID	Unique identification number of the EVSE assigned in the EVSE Registration Form	SCE-SEV_0002_903451
PortID	Unique identification number of the port assigned in the EVSE Registration Form	SCE-SEV_0002_903451-P1
EVSEModelNbr	EVSE's manufacturer model number approved by SCE	SEV_0002
EVSENbrOfPorts	Number of ports on the EVSE	2
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

Session Data (continued)

Field Name	Description	Example
SessionConnectionTime	Session (connection) duration in number of seconds	**7,500**
Duration_StateC	Cumulative time EVSE and EV are in State C (charging) during session in number of seconds	7,200
SessionKWH	Energy (kWh) usage per session	18.446
SessionMaxDemandKW	Peak demand (kW) per session	9.77487
SessionAverageDemandKW	Average demand (kW) when vehicle is charging; Calculation should be Session kWh/ Duration_StateC (in hours) for an average demand rate over the time the vehicle is charging.	9.531
SessionSaleAmount	Type of payment used for session (e.g. credit, debit, RFID, app, etc.) (optional)	RFID card
VehicleMake	User's vehicles make (optional)	Nissan
VehicleModel	User's vehicle model (optional)	Leaf
UserID	Anonymous user ID (optional)	Anon123
DREventCalled	Field reserved for future data collection	N/A
DREventParticipated	Field reserved for future data collection	N/A

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	XYZ_XYZ
LocationID*	Unique application ID number assigned by SCE	CRT-2019-####
EVSEID*	Unique identification number of the EVSE assigned in the EVSE Registration Form	SCE-SEV_0002_903451
PortID*	Unique identification number of the port assigned in the EVSE Registration Form	SCE-SEV_0002_903451-P1
IntervalStartDateTime	Interval start date and time at the :00, :15, :30 or :45 minute mark	2/2/2015 9:45
IntervalEndDateTime	Interval end date and time at the :00, :15, :30 or :45 minute mark	2/2/2015 11:15
IntervalKWH	Energy (kWh) usage per interval	0.815693
IntervalMaxDemandKW	Peak demand (kW) per interval	9.75442
IntervalAverageDemandKW	Average demand (kW) per interval	9.52997
DREventCalled	Field reserved for future data collection	N/A
DREventParticipated	Field reserved for future data collection	N/A